

USAFETAC/DS-90/217

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# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

FOR  
**AMCHITKA ISLAND, AK**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



JUNE 1990

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JOSEPH L. BOYTE  
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER

*Walter S. Burgmann*  
WALTER S. BURGMANN  
SCIENTIFIC AND TECHNICAL INFORMATION  
PROGRAM MANAGER

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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: FEB 43 - NOV 50 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 43 - NOV 50 (FULL TIME).

SUMMARY OF DAY DATA: JUL 67 - JUL 73 (PART TIME).

HOURS SUMMARIZED: 00 - 23 LST (4302 - 5011), VARIABLE HOURS (6707 - 7307).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENON OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FLD ELEV (FT)		CALL SIGN		WMO NMBR	
704545		AMCHITKA ISLAND, ALASKA		N 51 23		E 179 17		241		PAHI			
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Amchitka AAF, AK	AAF	Feb 43	Jun 48	N 51 23	E 179 15	202	N/A	24				
2	Amckitka AFB, AK *	AFB	Jul 48	Nov 50	Same	Same	Same	N/A	24				
3	Same	AFB	May 65	Nov 65	Same	Same	Same	N/A	13				
4	Amchitka Airport, AK *	AC	Jun 67	Aug 73	Same	Same	228	237	13				
5	Same *	SAWRS	Sep 73	Sep 73	Same	Same	Same	Same	13				
6	Amchitka Island, AK	SAWRS	MAY 87	MAY 89	Same	E 179 17	241	None	13				
7	SAME	SAME	JUN 89	APR 90	SAME	SAME	SAME	SAME	24				
*Station closed: 5012-6504 6512-6706 7309-8705													
SURFACE WIND EQUIPMENT INFORMATION													
Nmbr of Loc	Date of Change	LOCATION				TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE				
1	Feb 43	Not available				N/A	N/A	N/A					
2	Jul 67	Control tower roof				F420C	None	45 ft					
3	May 87	Same				Skyvane	None	35 ft					
4	Apr 90	Same				Same	None	Same					

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	AAAAAAA
PP	AAAAAAA	RR RR	TT	AAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.8		13.7		25.6	13.7		5.7		45.0	634
03-05		11.4		13.3		24.8	13.3		4.7		42.8	638
06-08		13.3		15.9		29.2	10.8		5.8		45.8	637
09-11		11.1		16.5		27.7	14.7	.3	6.3		49.0	647
12-14		9.6		15.6		25.2	16.0	.3	5.2		46.8	648
15-17		11.6		16.8		28.4	17.1	.5	5.1		51.1	648
18-20		14.7		15.4		30.1	20.1		5.1		55.4	641
21-23		15.2		11.8		27.0	17.4		6.0		50.4	633
ALL HOURS		12.3		14.9		27.2	15.4	.1	5.5		48.3	5126

MONTH: FEB

00-02		12.1		17.6		29.7	12.0		4.3		46.0	602
03-05		9.5		21.5		31.0	10.3		4.9		46.3	629
06-08		10.0		23.2		33.2	8.9		10.2		52.3	677
09-11		9.7		17.3		27.0	10.6	.4	6.5		44.5	678
12-14		8.9		17.6		26.5	11.4	.1	4.9	.1	43.0	676
15-17		10.2		18.8		29.0	11.4	.1	5.0		45.5	677
18-20		11.1		19.4		30.4	12.1		5.6		48.2	677
21-23		12.3		19.2		31.5	11.6	.2	5.1		48.4	603
ALL HOURS		10.4		19.3		29.8	11.0	.1	5.9	.0	46.8	5219

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		14.5	.5	15.2		30.1	16.7	.3	1.2		48.4	657
03-05		14.3	.1	15.9		30.4	15.8	.1	1.7		48.1	697
06-08		13.0	.1	15.0		28.1	14.6	.1	2.6		45.3	741
09-11		11.9		18.4		30.3	15.0	.5	3.1		48.9	740
12-14		11.3		16.1		27.4	16.9	.7	1.1		46.0	741
15-17		10.9		15.8		26.7	16.3	.5	.3		43.9	741
18-20		11.7	.1	15.4		27.3	18.4	.8	.4		47.0	732
21-23		12.4		14.4		26.8	18.4	.6	1.8		47.6	668
ALL HOURS		12.5	.1	15.8		28.4	16.5	.5	1.5		46.9	5717

MONTH: APR

00-02		22.1		8.1		30.2	26.4	.3	.8		57.6	656
03-05		22.9		7.9		30.8	28.2	.3	1.5		60.8	720
06-08		22.1		9.9		32.0	29.5		1.0		62.4	719
09-11		17.0		10.3		27.3	27.4	.6	.6		55.8	719
12-14		16.9		8.8		25.7	28.1	.1	.7		54.6	720
15-17		16.5		7.2		23.8	26.8	.3	.4		51.3	720
18-20		18.4		6.4		24.8	27.3	.7	.3		53.1	689
21-23		19.6		5.7		25.3	27.5	.5	.2		53.4	629
ALL HOURS		19.4		8.1		27.5	27.7	.3	.7		56.2	5572

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		32.1		2.7		34.8	29.4	.1			64.3	676
03-05		33.8		2.6		36.3	27.2	.1			63.7	743
06-08		28.0		3.6		31.7	25.5		.1		57.3	742
09-11		24.6		1.7		26.3	24.9				51.2	744
12-14		22.4		2.3		24.7	24.5	.4			49.6	742
15-17		21.1		1.3		22.4	25.4	.4			48.2	741
18-20		24.9		1.0		25.8	29.4				55.2	712
21-23		30.1		2.3		32.5	30.1	.3			62.9	647
ALL HOURS		27.0		2.2		29.2	27.0	.2	.0		56.4	5747

MONTH: JUN

00-02		38.0		.3		38.3	59.5	.3			98.1	590
03-05		38.1		.2		38.3	60.2				98.4	630
06-08		36.3		.2		36.5	61.1	.2			97.8	630
09-11		25.2				25.2	54.5	.8		.2	80.6	628
12-14		20.0				20.0	46.0	.5		.3	66.8	630
15-17		20.5				20.5	43.2	.8			64.5	629
18-20		23.9				23.9	47.2	.5			71.6	623
21-23		31.4		.2		31.5	54.4	.3			86.3	612
ALL HOURS		29.1		.1		29.2	53.2	.4		.1	82.9	4972

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		43.9				43.9	80.7	.3			100.0	649
03-05		48.7				48.7	84.0				100.0	651
06-08		48.5				48.5	85.6				100.0	651
09-11		37.8				37.8	81.1				100.0	651
12-14		27.2				27.2	70.4				97.5	651
15-17		24.6				24.6	65.5				90.2	650
18-20		31.0				31.0	72.0	.2			100.0	651
21-23		37.5				37.5	75.7				100.0	651
ALL HOURS		37.4				37.4	76.9	.1			100.0	5205

MONTH: AUG

00-02		43.8				43.8	72.4				100.0	699
03-05		46.8				46.8	74.4				100.0	703
06-08		45.0				45.0	74.3	.1			100.0	705
09-11		35.9				35.9	74.2	.1			100.0	705
12-14		30.3				30.3	65.4	.1			95.9	702
15-17		27.1				27.1	63.5				90.6	702
18-20		27.0				27.0	63.7	.1			90.9	703
21-23		38.8				38.8	70.9				100.0	701
ALL HOURS		36.8				36.8	69.9	.1			100.0	5620

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		25.7				25.7	42.3	.1			68.2	716
03-05		24.7				24.7	42.6	.7			68.1	720
06-08		25.9				25.9	41.4	.3			67.6	719
09-11		25.3				25.3	43.1	.1			68.6	719
12-14		20.1				20.1	39.9				60.0	720
15-17		21.0				21.0	37.6				58.6	720
18-20		22.6		.1		22.7	39.3	.3			62.3	718
21-23		25.6		.1		25.7	40.6	.4			66.8	719
ALL HOURS		23.9		.0		23.9	40.9	.2			65.0	5751

MONTH: OCT

00-02		20.0		1.1		21.1	20.4	.3	.1		41.9	740
03-05		19.8		.9		20.8	19.6				40.4	741
06-08		18.8	.1	1.5		20.4	18.4				38.7	741
09-11		17.9		.4		18.3	21.0				39.2	739
12-14		16.4		.9		17.3	20.6	.3			38.2	739
15-17		17.8		.8		18.6	21.6	.4			40.6	741
18-20		19.8		1.1		20.9	24.8	.1			45.8	738
21-23		21.2		1.1		22.3	23.9	.3	.3		46.7	737
ALL HOURS		18.9	.0	1.0		19.9	21.3	.2	.1		41.4	5916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBS <sup>†</sup> VS <sup>‡</sup> VSN	TOTAL NO. OF OBS
00-02		22.4		5.8		28.2	18.2		.4		46.9	687
03-05		24.1		5.5		29.6	15.5	.1	.9		46.1	686
06-08		21.8		5.8		27.7	14.7		1.3		43.7	687
09-11		19.1		6.1		25.2	22.1	.3	1.3		48.9	687
12-14		19.2		6.1		25.3	21.8	.6	.6		48.3	687
15-17		19.1		5.7		24.7	19.7	.1	.6		45.1	687
18-20		21.3		4.7		25.9	24.6	.3	.3		51.2	686
21-23		22.5		3.8		26.3	21.5		.7		48.5	684
ALL HOURS		21.2		5.4		26.6	19.8	.2	.8		47.3	5491

MONTH: DEC

00-02		9.7		14.5		24.2	12.2		4.2		40.5	649
03-05		13.2		12.9		26.1	12.3		3.1		41.5	651
06-08		17.8	.2	14.0		32.0	15.5		2.6		50.1	651
09-11		16.2		13.9		30.0	17.3	.2	3.9		51.3	649
12-14		13.8		14.9		28.7	19.0		3.2		51.0	651
15-17		13.5	.2	14.6		28.3	18.7		4.5		51.5	651
18-20		13.4	.2	12.5		26.1	21.3	.6	4.3		52.3	648
21-23		12.9		12.6		25.5	16.7		2.6	.2	45.0	551
ALL HOURS		13.8	.1	13.7		27.6	16.6	.1	3.5	.0	47.9	5201

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		12.3		14.9		27.2	15.4	.1	5.5		48.3	5126
FEB		10.4		19.3		29.8	11.0	.1	5.9	.0	46.8	5219
MAR		12.5	.1	15.8		28.4	16.5	.5	1.5		46.9	5717
APR		19.4		8.1		27.5	27.7	.3	.7		56.2	5572
MAY		27.0		2.2		29.2	27.0	.2	.0		56.4	5747
JUN		29.1		.1		29.2	53.2	.4		.1	82.9	4972
JUL		37.4				37.4	76.9	.1			100.0	5205
AUG		36.8				36.8	69.9	.1			100.0	5620
SEP		23.9		.0		23.9	40.9	.2			65.0	5751
OCT		18.9	.0	1.0		19.9	21.3	.2	.1		41.4	5916
NOV		21.2		5.4		26.6	19.8	.2	.8		47.3	5491
DEC		13.8	.1	13.7		27.6	16.6	.1	3.5	.0	47.9	5201
ANNUAL		21.9	.0	6.6		28.5	32.9	.2	1.4	.0	63.0	65537

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4901-5011,6707-7308  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		40.7		45.2		71.0	46.2		16.7		75.6	221
FEB		28.1		61.2		72.4	35.2		13.8		74.5	196
MAR		28.4		58.3		70.1	37.4		18.5		74.4	211
APR		31.0		36.3		55.3	44.7	1.3	2.2		61.1	226
MAY		46.5		13.0		52.6	47.0				60.9	230
JUN		58.7		1.5		60.2	72.4				75.0	196
JUL		72.1				72.1	91.6				93.0	215
AUG	.4	69.0				69.0	88.6				90.8	229
SEP		58.1	.5	.5		58.1	62.4				75.7	210
OCT		58.3		9.0		62.6	45.5	2.4	.5		66.8	211
NOV		46.6		36.5		70.8	42.5	.5	2.3		73.1	219
DEC		32.8		47.5		64.1	34.8		17.7		66.7	198
ANNUAL	.0	47.7	.0	25.4		64.8	54.3	.4	5.8		74.0	2562



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08												
09-11												
12-14												
15-17												
18-20												
21-23												
ALL HOURS												
TOTAL OBS	5126	5219	5717	5572	5747	4972	5205	5620	5751	5916	5491	5201

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP			13.0	44.5	30.3	4.9	7.3	633
FREEZING PRECIP								
FROZEN PRECIP	.3		18.6	24.6	16.3	17.1	23.1	765
FOG	.1		7.1	41.4	31.0	9.2	11.1	790
FOG WITH VIS GE 1/2 MILES	.2		6.5	40.2	31.0	10.7	11.5	635
TOTAL OBS	43	0	669	1323	1104	930	1048	5117

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	.6		11.2	30.5	39.1	14.3	4.4	545
FREEZING PRECIP								
FROZEN PRECIP	1.2		22.2	33.4	17.7	12.1	13.4	1009
FOG	1.7		13.4	28.9	36.9	13.6	5.6	575
FOG WITH VIS GE 1/2 MILES	1.8		12.7	31.8	33.8	13.7	6.1	488
TOTAL OBS	102	0	709	1460	1144	1035	757	5207

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP			12.6	21.1	43.2	15.2	8.0	716
FREEZING PRECIP				50.0	33.3		16.7	6
FROZEN PRECIP	1.7		17.6	24.2	22.7	16.0	17.8	902
FOG	.6		8.7	18.8	47.9	17.2	6.8	942
FOG WITH VIS GE 1/2 MILES	.7		9.4	20.9	46.7	15.7	6.5	828
TOTAL OBS	128	0	943	1113	1358	1247	919	5708

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	.5		12.5	23.8	37.6	19.2	6.5	1082
FREEZING PRECIP								
FROZEN PRECIP	.2		22.0	24.4	20.4	13.6	19.3	450
FOG	.1		13.6	19.5	42.2	19.9	4.5	1541
FOG WITH VIS GE 1/2 MILES	.2		13.9	20.1	41.8	19.2	4.9	1321
TOTAL OBS	73	0	1198	744	1278	1155	1093	5541

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.1		15.5	19.6	30.8	19.4	14.7	1554
FREEZING PRECIP								
FROZEN PRECIP			18.3	21.4	21.4	7.1	31.7	126
FOG	.1		20.7	16.7	31.2	19.1	12.3	1548
FOG WITH VIS GE 1/2 MILES	.1		21.9	17.0	27.8	19.3	13.9	1270
TOTAL OBS	48	0	1444	725	1074	1135	1318	5744

MONTH: JUN HOURS: ALL

TSTMS								
LIQUID PRECIP	.2		22.9	13.3	26.6	19.6	17.5	1452
FREEZING PRECIP								
FROZEN PRECIP			20.0		20.0	40.0	20.0	5
FOG	.9		28.3	13.2	22.3	18.5	16.9	2646
FOG WITH VIS GE 1/2 MILES	1.3		32.0	12.5	13.8	18.7	21.5	1323
TOTAL OBS	55	0	1543	554	963	802	1051	4968

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.4		7.1	13.5	40.2	27.4	11.5	1949
FREEZING PRECIP								
FROZEN PRECIP								
FOG	.5		10.2	10.8	31.7	32.7	13.9	4001
FOG WITH VIS GE 1/2 MILES	1.0		11.5	16.8	25.5	29.2	16.1	1550
TOTAL OBS	30	0	587	498	1546	1685	858	5204

MONTH: AUG HOURS: ALL

TSTMS								
LIQUID PRECIP	.3		7.1	11.3	42.3	28.2	10.9	2067
FREEZING PRECIP								
FROZEN PRECIP								
FOG	.7		8.8	10.8	34.8	27.5	17.4	3917
FOG WITH VIS GE 1/2 MILES	.7		10.5	17.6	26.4	22.3	22.6	1307
TOTAL OBS	48	0	565	551	1658	1648	1134	5604

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.6		12.6	23.5	30.2	22.3	10.7	1372
FREEZING PRECIP								
FROZEN PRECIP			100.0					2
FOG	.6		14.0	12.6	27.3	30.9	14.8	2350
FOG WITH VIS GE 1/2 MILES	.4		16.3	17.2	15.8	31.8	18.5	1335
TOTAL OBS	58	0	1065	728	998	1362	1531	5742

MONTH: OCT HOURS: ALL

TSTMS								
LIQUID PRECIP	.4		6.2	12.7	43.0	22.6	15.3	1121
FREEZING PRECIP						100.0		1
FROZEN PRECIP	1.7		13.8		15.5	12.1	56.9	58
FOG	.2		5.2	8.5	40.9	27.7	17.5	1257
FOG WITH VIS GE 1/2 MILES	.3		5.6	8.3	36.6	28.7	20.5	972
TOTAL OBS	44	0	430	341	1275	1634	2129	5903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.3		9.6	25.8	31.9	12.4	19.8	1165
FREEZING PRECIP								
FROZEN PRECIP	1.0		12.7	10.4	10.7	21.4	43.8	299
FOG	.5		7.6	24.4	34.3	13.8	19.4	1085
FOG WITH VIS GE 1/2 MILES	5		6.6	26.9	30.6	13.3	22.1	881
TOTAL OBS	84	0	482	827	1204	1112	1778	5487

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	.3		12.0	28.9	20.0	11.5	9.0	719
FREEZING PRECIP				100.0				3
FROZEN PRECIP	.4		18.6	35.0	13.7	13.3	18.9	714
FOG	.9		8.1	26.0	38.7	12.7	13.5	865
FOG WITH VIS GE 1/2 MILES	.7		8.2	26.7	36.8	14.0	13.7	745
TOTAL OBS	76	0	826	1174	1125	984	1009	5194

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.3		11.6	19.6	36.1	20.3	12.1	14375
FREEZING PRECIP				60.0	20.0	10.0	10.0	10
FROZEN PRECIP	.9		19.1	26.8	17.7	14.7	20.8	4330
FOG	.6		13.0	15.5	33.1	23.8	14.1	21517
FOG WITH VIS GE 1/2 MILES	.6		14.0	19.5	29.1	21.2	15.6	12655
TOTAL OBS	789	0	10461	10038	14727	14779	14625	65419



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PF	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6710-7308  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	7.7	7.2	10.5	17.9	20.8	18.5	8.6	10.3	21.3	9.3	7.8	5.2	12.1
TRACE	26.1	35.1	35.6	32.2	35.2	35.7	35.2	20.9	26.8	24.7	21.4	26.6	29.5
.01	5.6	3.8	4.5	3.2	4.6	4.9	6.0	4.9	6.3	6.6	4.3	3.7	4.9
.02-.05	17.6	17.7	17.0	15.3	15.4	15.0	17.2	22.7	12.6	19.2	15.6	16.7	16.9
.06-.10	12.5	11.6	12.0	9.2	5.4	11.4	6.8	9.3	7.4	9.3	16.4	12.8	10.3
.11-.25	17.1	11.6	11.3	11.9	10.8	8.2	10.2	12.4	9.6	14.4	19.9	14.6	12.7
.26-.50	8.8	8.7	7.1	7.9	5.1	4.4	7.6	9.8	8.7	10.4	8.8	13.1	8.4
.51-1.00	4.0	4.3	1.8	1.8	2.1	1.6	7.8	7.2	5.5	4.8	5.0	6.3	4.4
1.01-2.50	.5		.3	.5	.5	.3	.8	2.6	1.9	1.3	.8	1.0	.9
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	66.1	57.7	53.9	49.9	44.0	45.8	56.3	68.8	51.9	65.9	70.8	68.1	58.4
TOTAL NO. OF OBSERVATIONS	375	345	382	379	389	367	384	388	366	396	397	383	4551

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6710-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		TRACE*	.14*	.30*	TRACE*	1.04*	2.56	3.37	2.47	3.83	1.91	.89	16.51*
44	1.27	1.94	1.23	1.25	1.11	.41	3.77	4.16	3.76	3.56	4.56	4.44	31.46
45	2.19	1.91	3.87	2.23	2.18	.33	2.32	4.07	1.51	4.67	1.90	4.09	31.27
46	2.69	1.65	1.00	2.86	.60	1.10	5.40	3.74	2.68	3.08	.93	3.42	29.15
47	3.39	2.99	.95	1.50	2.03	1.83	2.60	4.95	4.02	3.90	4.82	9.56	42.54
48	4.26	1.52	1.98	3.83	2.61	1.10	4.70	5.86	3.78	1.80	3.89	5.05	40.38
49	3.80	6.82	4.69	1.51	4.97	3.55	4.76	6.22	6.69	4.14	5.33	3.22	55.70
50	3.26	1.10	.82	.47	2.87				4.74	3.04	1.73*		18.03*
67										2.33*	3.90	3.67*	9.90*
68	2.12*	3.86	.92*	1.49	.15	.68	3.01	1.79	3.47*	2.22*	5.11*	2.46*	27.28*
69	4.80*	5.23	4.36	3.16*	1.12	.75*	1.27*	6.06*	4.99	2.78*	4.53*	2.44	41.49*
70	2.93*	2.33*	2.49*	3.57	1.49*	2.13*	4.61	6.85	2.79	6.49	4.19	7.14*	47.01*
71	3.91*	2.29	4.46	2.80*	1.84*	1.83*	3.06	2.23	3.89	3.46	3.18	6.22	39.17*
72	4.07	.76*	1.29*	3.30	.98*	2.51	7.69	2.88*	2.41*	1.68*	4.10	2.37	34.04*
73	2.48*	.66*	.99*	3.17	3.78	4.57	3.26*	5.96					24.87*

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4302-5011,6710-7308  
MONTH: ALL HOURS: ALL

THE GREATEST VALUE OF 9.56 OCCURRED ON 12/47

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6710-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		TRACE*	.08*	.30*	TRACE*	.42*	.70	.62	.52	.68	.30	.15	.70*
44	.24	.40	.26	.21	.31	.16	.89	.58	.80	1.24	1.06	.77	1.24
45	.35	.42	.97	.77	.51	.16	.68	1.01	.56	.79	.50	.74	1.01
46	.38	.40	.22	1.98	.45	.38	1.54	1.09	.55	.69	.23	1.22	1.98
47	.85	.83	.25	.51	.57	.43	.60	1.06	1.65	.75	1.10	1.30	1.65
48	.70	.42	.37	1.23	.63	.20	.91	1.02	1.14	.28	.78	.86	1.23
49	.69	.94	.90	.46	1.09	1.00	.60	1.10	2.47	.88	.93	.58	2.47
50	.89	.28	.11	.15	1.66				1.82	1.08	.67*		1.82*
67										.38*	.57	.49*	.57*
68	.36*	.59	.31*	.36	.05	.25	.80	.67	.78*	.60*	1.05*	.80*	1.05*
69	1.02*	.70	1.20	.40*	.39	.49*	.44*	1.07*	1.49	1.03*	.74*	.42	1.49*
70	.44*	.73*	.62*	.42	.50*	.87*	.87	.97	.81	1.07	.72	1.29*	1.29*
71	2.33*	.39	.67	.79*	.46*	.85*	.89	.64	.85	1.14	.69	.84	2.33*
72	.51	.15*	.27*	.64	.35*	.61	2.50	1.54*	.80*	.50*	.61	.43	2.50*
73	.85*	.35*	.20*	.85	.57	1.14	.95*	1.20					1.20*
GREATEST	2.33	.74	1.20	1.98	1.66	1.14	2.50	1.54	2.47	1.24	1.10	1.30	2.50
TOTAL OBS	375	345	382	379	389	367	384	388	366	396	397	383	4551

THE GREATEST VALUE OF 2.50 OCCURRED ON 07/20/72

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4304-5011,6707-7308  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	30.4	22.1	22.8	47.4	78.6	98.7	100.0	100.0	99.7	85.6	53.8	27.5	65.3
TRACE	32.2	40.8	44.8	40.9	19.2	1.3			.3	13.1	28.9	35.0	20.8
0.1-0.4	11.7	10.0	11.7	4.7	.7					.8	6.6	10.2	4.5
0.5-1.4	13.0	15.7	12.8	5.4	1.0					.5	6.1	16.4	5.6
1.5-2.4	6.2	7.3	3.9	1.3	.2						2.0	4.6	2.0
2.5-3.4	2.2	1.2	1.7	.3	.2						2.0	2.2	.8
3.5-4.4	1.4	.6	1.1								.3	2.2	.4
4.5-6.4	2.2	.9	.6									.5	.3
6.5-10.4	.3	1.2	.6								.3	.8	.2
10.5-15.4	.5	.3										.5	.1
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	37.4	37.2	32.3	11.7	2.2					1.3	17.3	37.5	14.0
TOTAL NO. OF OBSERVATIONS	369	331	359	386	411	375	399	414	390	397	394	371	4596



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4304-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43				TRACE*	TRACE	TRACE	.0	.0	.0	TRACE	22.0	5.7	27.7*
44	12.7	9.1	5.4	7.8	.6	.0	.0	.0	.0	.0	.5*	4.0*	40.1*
45	15.7*	10.2*	20.3*	.9	TRACE	TRACE	.0	.0	.0	TRACE	1.0	11.9	60.0*
46	44.0	25.6	14.0	1.8	.5	.0	.0	.0	.0	.1	.5	4.2	90.7
47	12.5	17.2	5.2	1.0	TRACE	.0	.0	.0	.0	TRACE	.2	41.1	77.2
48	31.1	1.8	2.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	4.6	9.5	49.1
49	17.3	4.1	26.1	9.0	.1	.0	.0	.0	.0		6.1	10.2	73.6
50	.6	7.0	6.0	2.1	1.4				TRACE	TRACE	1.6*		18.7*
67							.0*	.0*	.0*	TRACE*	2.0	24.0*	26.0*
68	2.5*	16.5	TRACE*	1.0	TRACE	.0	.0	.0	.0*	1.0*	12.4	2.3*	35.7*
69	23.4*	38.3	16.5	6.0*	TRACE*	.0*	.0*	.0*	.0	.0*	.3*	21.0*	105.5*
70	6.0*	27.0*	13.0*	TRACE	.0*	.0*	.0	.0	.0	TRACE	TRACE	28.8*	74.8*
71	25.0*	9.0	18.5	1.0*	5.0*	TRACE*	.0	.0	.0	TRACE	2.3	27.4	88.2*
72	18.4	.9*	2.1*	1.0	.0*	.0	.0	.0*	.0*	.0*	21.5	12.5	56.4*
73	6.0*	9.0*	4.0*	1.5	.5	.0	.0*	.0					21.0*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO TC: +10

PERIOD OF RECORD: 4304-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.6	1.8	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	49.1
GREATEST	44.0	38.3	26.1	9.0	5.0	TRACE	.0	.0	TRACE	1.0	22.0	41.1	105.5
MEAN	19.5	14.3	11.7	2.4	.3	TRACE	.0	.0	TRACE	.1	6.6	15.3	
MEDIAN	17.3	9.1	10.0	1.0	.1	.0	.0	.0	.0	TRACE	2.3	11.1	
SD	14.103	11.649	8.354	3.060	.456	.000	.000	.000	.000	.220	8.305	12.572	
TOTAL OBS	369	331	359	386	411	375	399	414	390	397	394	371	4596

THE GREATEST VALUE OF 44.0 OCCURRED ON 01/46

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4304-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43				TRACE*	TRACE	TRACE	.0	.0	.0	TRACE	4.0	1.5	4.0*
44	2.4	3.4	3.0	2.0	.6	.0	.0	.0	.0	.0	.3*	1.0*	3.4*
45	3.5*	2.6*	4.6*	.4	TRACE	TRACE	.0	.0	.0	TRACE	.5	7.0	7.0*
46	6.3	7.5	6.0	1.5	.5	.0	.0	.0	.0	.1	.4	3.1	7.5
47	6.7	6.5	2.3	.5	TRACE	.0	.0	.0	.0	TRACE	.1	15.0	15.0
48	6.0	1.0	1.0	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.1	4.8	6.0
49	3.5	.9	9.0	3.4	.1	.0	.0	.0	.0	.7	1.7	1.4	9.0
50	.4	1.6	2.0	.9	.6				TRACE	TRACE	.9*		2.0*
67							.0*	.0*	.0*	TRACE*	2.0	7.0*	7.0*
68	1.5*	2.0	TRACE*	1.0	TRACE	.0	.0	.0	.0*	.7*	3.0	1.0*	3.0*
69	11.0*	7.0	3.0	2.0*	TRACE*	.0*	.0*	.0*	.0	.0*	.2*	3.0*	11.0*
70	2.0*	13.0*	3.0*	TRACE	.0*	.0*	.0	.0	.0	TRACE	TRACE	8.0*	13.0*
71	15.0*	2.0	8.0	.5*	3.0*	TRACE*	.0	.0	.0	TRACE	1.0	12.0	15.0*
72	3.0	.3*	.5*	.5	.0*	.0	.0	.0*	.0*	.0*	8.0	2.0	8.0*
73	2.0*	5.0*	.5*	1.0	.5	.0	.0*	.0					5.0*
GREATEST	15.0	13.0	9.0	3.4	3.0	TRACE	.0	.0	TRACE	.7	8.0	15.0	15.0
TOTAL OBS	369	331	359	386	411	375	399	414	390	397	394	371	4596

THE GREATEST VALUE OF 15.0 OCCURRED ON 12/18/47

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	32.6	27.7	34.7	77.6	94.2	100.0	100.0	100.0	100.0	98.5	69.6	41.7	73.7
TRACE	15.5	25.0	32.7	18.7	5.1					1.5	18.3	18.1	11.1
1	12.8	14.3	14.0	3.0	.7						4.0	8.7	4.7
2	9.9	7.4	4.6	.2							3.5	10.5	2.9
3	7.8	4.4	3.8	.5							1.5	7.6	2.1
4-6	13.9	12.9	6.4								1.8	6.8	3.3
7-12	5.1	7.7	3.3								.8	6.0	1.8
13-24	2.4	.5	.5								.5	.5	.4
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	51.9	47.3	32.7	3.7	.7						12.1	40.2	15.2
TOTAL NO. OF OBSERVATIONS	374	364	392	402	412	376	399	413	390	397	398	381	4698

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		4	1	3	TRACE	0	0	0	0	0	5	5	5*
44	9	11	1	1	1	0	0	0	0	0	1	1	11
45	7	7	2	TRACE	0	0	0	0	0	TRACE	TRACE	3	7
46	22	13	8	1	TRACE	0	0	0	0	0	TRACE	2	22
47	8	3	1	TRACE	TRACE	0	0	0	0	TRACE	TRACE	10	10
48	6	3	1	TRACE	TRACE	0	0	0	0	0	1	4	6
49	4	2	9	3	TRACE	0	0	0	0	0	2	3	9
50	TRACE	2	2	TRACE	TRACE				0	0	TRACE*		2*
57							0*	0*	0*	0*	2	12*	12*
58	4*	10	10*	1	0	0	0	0	0*	TRACE*	4	1*	10*
59	14*	12	15	1*	TRACE*	0*	0*	0*	0	0*	2*	4*	15*
70	5*	14*	5*	TRACE	0*	0*	0	0	0	0	TRACE	17*	17*
71	15*	2	13	TRACE*	1*	0*	0	0	0	0	2	12	15*
72	6	1*	1*	1	0*	0	0	0*	0*	0*	15		15*
73	4*	9*	1*	1	1	0	0*	0					8*
GREATEST	22	14	15	3	1	0	0	0	0	TRACE	15	17	22
TOTAL OBS	374	364	392	402	412	376	399	413	390	397	398	381	4698

THE GREATEST VALUE OF 22 OCCURRED ON 01/27/46

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK

PERIOD OF RECORD: 4302-5011,6707-7308

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
42 - 43	APR 01		FEB 24	JUN 03		APR 07
43 - 44	OCT 08	NOV 01	NOV 16	MAY 22	MAY 22	MAY 22
44 - 45	NOV 05	NOV 15	NOV 22	JUN 06	APR 10	MAR 30
45 - 46	OCT 12	NOV 17	DEC 14	MAY 22	MAY 14	APR 30
46 - 47	OCT 22	OCT 22	DEC 31	MAY 29	APR 24	MAR 11
47 - 48	OCT 15	NOV 21	DEC 09	MAY 10	MAR 28	MAR 02
48 - 49	OCT 01	NOV 01	NOV 29	MAY 26	MAY 26	APR 16
49 - 50	OCT 11	OCT 31	NOV 28	MAY 11	MAY 06	MAR 19
50 - 51	SEP 06	NOV 16		NOV 20	NOV 19	
67 - 68	OCT 26	NOV 26	NOV 26	MAY 03	APR 19	APR 19
68 - 69	OCT 19	OCT 19	NOV 01	MAY 15	APR 24	APR 15
69 - 70	NOV 01	NOV 26	NOV 26	APR 28	MAR 26	MAR 28
70 - 71	OCT 29	DEC 15	DEC 19	JUN 09	MAY 25	MAY 24
71 - 72	OCT 05	NOV 13	NOV 13	APR 23	APR 23	APR 23
72 - 73	NOV 02	NOV 02	NOV 02	MAY 24	MAY 06	MAY 06
MEDIAN-DATE	OCT 19	NOV 14	NOV 27	MAY 22	APR 24	APR 15

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4504-4911,6902-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
45				14/ 55	02/ 45	16/ 46	11/ 40	11/ 60	07/ 72	16/ 78	20/ 80	09/ 85	09/*85
46	02/108	27/110	23/ 90	13/100	15/ 75	16/ 75	09/ 70	07/ 65	07/ 95	18/ 90	33/ 80	09/120	09120
47	20/135	05/121	07/ 92	16/ 75	11/ 75	07/ 90	23/ 55	11/ 75	09/ 72	33/ 75	07/ 80	05/105	20/135
48	09/ 90	09/ 92	20/ 77	15/ 60	09/ 52	07/ 44	22/*31	14/ 54	11/ 62	18/ 70	34/ 90	09/111	09/*11
49	*	*	*	*	*	*	33/*41	*	18/*56		18/*50		18/*56
69		32/*88	09/*61	32/*75	33/*50	11/*40	14/*32	34/*43	06/*38	16/*49	21/*72	32/*69	32/*88
70	04/*56	08/*59	03/*57	22/*58	20/*48	26/*46	31/*33	18/*43	18/*58	30/*65	15/*51	25/*62	30/*65
71	10/*63	03/*44	26/*56	19/*60	13/*39	14/*34	14/*42	17/*50	13/*54	17/*62	26/*73	11/*69	26/*73
72	25/*67	23/*52	13/*53	22/*58	20/*33	07/*46	12/*32	33/*34	09/*40	30/*36	27/*50	32/*42	25/*67
73	19/*52	18/*64	12/*45	33/*48	30/*30	25/*25	30/*40	*					18/*64
GREATEST	20/135	05/121	07/ 92	13/100	15/ 75	07/ 90	09/ 70	11/ 75	07/ 95	18/ 90	34/ 90	09/120	20/135
TOTAL OBS	145	147	162	202	194	200	186	199	200	187	187	181	2190

THE PEAK WIND OF 135 FROM 20/ OCCURRED ON 01/03/47

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4504-4911,6902-7308  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN	MEDIAN	TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.0	.0	2.8	2.8	5.5	6.9	8.3	10.3	18.6	18.6	26.2	51.1	45.0	145
FEB	.0	.7	1.4	4.1	8.2	9.5	6.1	10.9	14.3	22.4	22.4	47.5	44.0	147
MAR	.0	.0	3.1	4.9	8.0	9.9	9.9	11.7	16.7	19.1	16.7	43.4	40.0	162
APR	.0	.0	2.0	4.0	11.4	14.4	10.9	13.4	21.8	16.8	5.4	39.1	37.0	202
MAY	.0	.0	3.1	9.8	24.7	20.1	10.8	10.8	12.9	5.2	2.6	30.5	28.0	194
JUN	.0	.5	7.5	13.5	21.5	23.5	12.5	9.0	8.0	3.0	1.0	27.6	26.0	200
JUL	.0	.0	4.8	22.0	28.5	15.6	11.3	8.6	3.8	4.8	.5	26.0	24.0	186
AUG	.0	.5	2.0	12.1	21.1	22.1	20.1	9.5	7.0	2.5	3.0	29.2	28.0	199
SEP	.0	.0	5.5	14.5	19.5	15.5	11.0	10.0	12.5	7.5	4.0	31.6	28.0	200
OCT	.0	.0	1.1	3.2	12.8	16.0	11.8	9.6	18.2	15.5	11.8	40.2	38.0	187
NOV	.0	.0	1.6	3.7	7.0	10.7	9.1	9.6	24.6	20.9	12.8	43.8	44.0	187
DEC	.0	.0	.0	2.8	4.4	11.0	10.5	11.6	19.3	20.4	19.9	48.3	44.0	181
ANNUAL	.0	.1	3.0	8.4	14.9	15.0	11.2	10.4	14.7	12.6	9.7	37.5	33.0	2190

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.3	.6	.3	.6	.2			.2			3.3	14.6	10.0
020-040		.3	.8	.6	1.4	.3	.3			.3		4.1	22.2	21.5
050-070		.9	1.1	1.9	2.2	1.4	1.4	1.7	.5	.9	.9	13.1	29.9	25.0
(E) 080-100	.5	1.3	1.6	2.5	.5	.3	.8	.3	1.3	.5		9.5	21.8	17.0
110-130		.5	1.4	.2	1.7	1.3	1.1	.3	.9	.5		7.9	26.8	25.0
140-160	.8	1.3	.3	.8	1.1	.3	1.4	2.1	.9	1.3	.2	10.4	28.9	25.0
(S) 170-190	.8	1.3	.6	1.1	1.1	.6	.6	1.1	.6	.3		8.2	22.4	21.5
200-220		.5	.5	.2	1.1	.6	.6	.5		.3		4.3	25.7	24.0
230-250	.2	.8	1.6	1.9	1.3	1.1	.9	.9	.9	.5		10.1	24.3	21.5
(W) 260-280	.3	.8	.9	1.6	1.6	1.3	.2	.5				7.1	18.9	19.0
290-310	.6	.9	.9	1.1	.9	.3	.3	.8	.2	.2		6.3	19.2	17.0
320-340	.2	2.4	3.3	2.8	3.3	1.9	.5	.9				15.3	18.2	17.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	3.6	12.3	13.6	15.0	16.8	9.6	8.1	9.1	5.5	4.8	1.1	100.0	23.2	21.0
TOTAL NUMBER OF OBSERVATIONS 633														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - MAR 50  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.3	.9	1.6	.5	.2	.3	.5	.2		.2	5.8	18.6	16.0
020-040		.3	.9	.5	1.3	.3	.6			.3		4.2	22.5	23.0
050-070	.3	.3	1.1	1.7	2.8	1.1	2.2	1.4	.2	.5	1.4	13.0	30.4	25.0
(E) 080-100	.2	.6	2.8	.8	1.3	.3	.3	.5	1.1	.6		8.5	23.7	18.0
110-130	.5	.5	.5	.3	2.0	.8	.9	.2	1.4	.8		7.8	28.1	25.0
140-160	.3	1.9	.9	1.1	1.9	1.1	.9	.9	1.3	1.3	.2	11.8	26.9	24.0
(S) 170-190	.3	.8	.6	.8	1.3	.6	.6	.8	.5	.2		6.4	22.8	21.0
200-220	.2	.2	.2	.8	.5	.2	.8	.2		.2	.5	3.4	33.0	24.0
230-250	.2	.8	1.9	1.4	1.7	1.3	1.1	1.3	.3	.8	.2	10.8	25.1	22.0
(W) 260-280	.3	.8	2.2	.9	1.1	1.4	.2	.3	.2	.2		7.5	18.7	16.0
290-310	.3	.5	.6	.8	.6	.8	.2	.2	.8			4.7	21.9	22.5
320-340	.6	1.6	3.3	3.1	3.8	.8	.5	.8	.5			14.9	18.5	17.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	3.5	9.6	15.9	13.8	18.8	8.9	8.6	7.1	6.5	4.9	2.5	100.0	23.9	21.0
TOTAL NUMBER OF OBSERVATIONS 638														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.6	1.1	1.3	.5		.3	.2		.2	.2	5.5	16.5	13.0
020-040	.3	.5	.6	.8	.8	1.1	.2					4.2	18.3	19.0
050-070	.3	.6	2.0	2.8	2.0	1.7	1.6	1.1	.8	.3	.6	14.0	25.5	23.0
(E) 080-100	.5	1.1	.6	1.7	.9	.5	.6	1.4	1.1	.8	.2	9.4	26.7	24.0
110-130			1.3	1.6	1.1	.8	.5	.5	1.4	.9		8.0	28.9	25.0
140-160	.2	1.6	1.3	1.3	1.3	1.7	.9	1.7	1.1	1.1		12.1	26.7	25.0
(S) 170-190	.5	.8	.5	.3	1.7	.6	.2	.6	.6	.2		6.0	23.2	23.0
200-220		.3	.3	.6	.3	.3	.6	.2	.2		.3	3.1	29.7	24.5
230-250	.2	1.3	1.4	.9	1.9	1.1	1.7	1.1	.6	.6		10.8	24.8	24.0
(W) 260-280	.3	.6	.5	1.3	1.9	.5	1.4		.6			7.1	22.6	23.0
290-310	.2	.5	1.4	.8	1.6	.2		.8	.2	.2		5.7	20.5	19.0
320-340	.2	1.4	2.7	2.7	2.8	.8	1.4	.9	.5	.2		13.5	20.6	19.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////	
TOTALS	3.0	10.3	13.7	16.1	16.8	9.3	9.4	8.5	7.1	4.5	1.5	100.0	23.8	22.0
TOTAL NUMBER OF OBSERVATIONS 637														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.5	1.7	1.2	.6			.2				5.7	12.6	12.0
020-040	.3	.3	.8	1.4	.3	.2	.3	.3				3.9	17.8	16.0
050-070	.2	.9	1.5	2.3	3.2	1.5	.8	.5	.3	.5		11.7	22.7	22.0
(E) 080-100	.3	.6	1.2	1.1	2.0	.6	.2	2.0	2.3	.3		10.7	27.6	25.0
110-130	.2	.2	1.2	1.5	.9	1.5	.8	.8	1.1	.6		8.8	27.0	25.0
140-160		.3	1.4	1.5	2.2	.9	.9	.9	1.4	.8		10.4	27.3	23.0
(S) 170-190	.2	.6	.9	1.5	.8	.3	.5	.2	1.1	.2		6.2	23.6	19.0
200-220	.2	.2	1.1	.5	.5	.3	.6	.5	.2	.2		4.0	23.3	21.0
230-250		1.2	1.7	2.3	2.3	.9	1.2	.8	.8	.2	.5	11.9	24.2	20.0
(W) 260-280	.2	.6	.5	.8	1.2	1.1	.6	.3	.3	.2		5.7	23.2	24.0
290-310		.2	1.2	.9	1.5	.8	.5	.8	.2			6.0	22.7	22.0
320-340	1.4	.9	2.3	2.8	1.7	1.7	1.5	.6	.2	.5		13.6	19.6	18.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	3.5	7.5	15.5	17.8	17.2	9.8	7.9	7.9	7.9	3.5	.5	100.0	22.9	21.0
TOTAL NUMBER OF OBSERVATIONS 647														

OPERATING LOCATION A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	.8	.5	1.1		.2		.2			4.3	14.3	12.0
020-040	.2	.3	.6	1.1	1.1	.2	.3					3.7	17.7	18.0
050-070	.6	.5	1.1	3.1	1.9	1.7	1.2	.8	.8	.6		12.2	24.1	21.0
(E) 080-100	.3	.3	1.5	1.5	.6	.9	1.1	1.2	1.2	.2		9.0	25.6	25.0
110-130	.3	.3	1.5	1.2	1.2	1.7	1.4	.8	.9	.8		10.2	26.2	25.0
140-160	.3	.6	1.2	.3	3.2	.5	.8	1.2	1.1	.6		9.9	26.6	24.0
(S) 170-190	.8	.2	.6	.9	.2	.3	.5	.6	1.4	.5		5.9	27.2	25.0
200-220	.3	.5	.9	.8	.6	.6	.5	.2	.5	.2		4.9	21.7	19.0
230-250	.2	.5	1.9	1.9	2.8	1.5	1.7	1.1	.3	.5		12.2	24.2	24.0
(W) 260-280	.6	.6	.5	.5	1.5	1.7	.3	.2				5.9	20.0	22.5
290-310	.6	.2	.6	.6	.5	1.1	.5	.3	.3			4.6	21.1	22.0
320-340	.9	2.5	3.4	3.1	3.9	1.2	.8	.3	.6			16.7	17.6	17.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	5.9	7.4	14.6	15.5	18.6	11.4	9.3	6.7	7.3	3.4		100.0	22.5	21.0
TOTAL NUMBER OF OBSERVATIONS 648														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	1.9	.9	.6	.3	.3	.2				5.1	15.8	14.0
020-040	.2		.9	.3	1.1	.3	.5	.2				3.4	20.2	20.5
050-070	.6	.5	1.1	2.0	1.9	1.4	.8	1.4	.2	.5	.3	10.5	24.6	22.0
(E) 080-100	.3	.5	1.2	1.4	.9	.2	1.1	1.2	1.5			8.3	25.4	24.0
110-130		.3	.6	1.7	1.1	1.2	1.1	.6	1.1	.3		8.0	27.0	25.0
140-160	.2	1.2	.6	.8	2.6	2.2	2.3	1.1	2.8	.5		14.2	28.8	25.0
(S) 170-190	.2	.2	.6	1.1	.8	.3	.5	.8	.3			4.6	24.0	22.0
200-220	.3	.5	1.2	.3	1.1	.5	.5	.2		.3		4.8	20.2	20.0
230-250	.3	1.5	1.4	2.3	3.1	2.3	1.2	1.4	.8	.2		14.5	22.8	22.0
(W) 260-280		.9	.6	.9	1.1	.3	.5	.5				4.8	19.1	18.0
290-310	.2	.6	.8	1.1	.8	.8	.9	.9	.2			6.2	22.8	23.0
320-340	.9	1.5	2.8	4.0	3.1	.8	.3	1.2	.2			14.8	17.8	17.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	3.5	8.3	13.7	16.8	18.2	10.6	10.0	9.7	7.1	1.8	.3	100.0	22.8	21.0
TOTAL NUMBER OF OBSERVATIONS 648														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	1.1	1.7	.9	.3	.2					5.3	15.7	17.0
020-040	.5		.9	.8	.3		.5	.2				3.1	16.8	16.5
050-070	.9	1.2	1.2	2.0	2.0	1.1	1.2	.6	.5	.8	.3	12.0	23.6	21.0
(E) 080-100	.5	.8	1.4	2.3	1.7	.9	1.6	1.2	.5	.2		11.1	22.6	21.0
110-130	.2	.2	.6	1.1	1.2	1.1	1.1	.9	.9	.5		7.8	28.1	25.0
140-160		1.2	.3	.9	2.3	2.3	1.9	.8	2.2	.3		12.3	27.9	25.0
(S) 170-190	.2	.6	.3	1.2	.8	.5	.3	.6	.5	1.4		6.4	29.4	25.0
200-220	.3	.3	.5	.5		.3		.2	.2			2.2	17.9	15.0
230-250	.3	1.6	2.2	2.7	2.3	2.0	.8	.6	.9	.2		13.6	21.1	20.0
(W) 260-280	.2		.5	1.1	.5	1.2	.6	.8	.2			5.0	24.7	25.0
290-310	.2	.8	1.1	.6	1.7	1.1	.6	.2	.3			6.6	20.7	22.0
320-340	.6	1.9	3.3	3.3	2.0	1.1	.8	1.1	.2			14.2	18.0	17.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	4.2	9.4	13.4	18.2	15.7	11.9	9.6	7.2	6.4	3.4	.3	100.0	22.6	21.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 21-25

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.8	1.1	.3	.6	.3	.2	.2				3.5	16.2	12.5
020-040		.2	.9	1.6	.3	.2	.5					3.6	18.3	17.0
050-070		.5	1.6	2.2	2.2	1.7	1.9	.5	.2	1.3	.2	12.2	26.7	24.0
(E) 080-100	.5	.8	2.7	1.6	1.3	.3	1.4	.5	.8	.2	.3	10.3	22.3	17.0
110-130		.8	.8	.3	1.3	1.4	1.4	.6	1.7	.2		8.5	28.2	25.0
140-160	.3	.6	.8	1.1	2.7	1.1	2.2	1.3	.8	.5		11.4	26.3	25.0
(S) 170-190	.3	.6	1.1	.9	.9	.3	.5	.5	.9	.8		7.0	26.4	21.5
200-220		.2		.5	.9	.6	.2			.2		2.5	23.4	22.5
230-250	.2	.8	2.2	1.6	1.9	2.5	.9	1.1	.9	.3		12.5	24.0	24.0
(W) 260-280	.5	.6	.6	.9	1.3	1.4	.2	.2	.2			5.8	19.4	21.0
290-310	.2	.6	1.1	1.7	.8	.2	.9	.6	.5			6.6	21.5	19.0
320-340	.3	2.1	4.3	3.3	1.9	2.1	.5	.2	.2			14.7	16.5	15.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	2.3	8.6	17.2	16.0	16.1	12.1	10.8	5.7	6.2	3.5	.5	100.0	22.6	21.0
TOTAL NUMBER OF OBSERVATIONS 633														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.1	1.2	1.0	.7	.2	.2	.1	.1	.0	.0	4.8	15.6	13.0
020-040	.2	.2	.8	.9	.8	.3	.4	.1		.1		3.8	19.3	19.0
050-070	.4	.7	1.3	2.3	2.3	1.5	1.4	1.0	.4	.7	.5	12.3	26.0	23.0
(E) 080-100	.4	.7	1.6	1.6	1.2	.5	.9	1.1	1.2	.3	.1	9.6	24.5	22.0
110-130	.1	.3	1.0	1.0	1.3	1.2	1.0	.6	1.2	.6		8.4	27.5	25.0
140-160	.3	1.1	.9	1.0	2.2	1.3	1.4	1.2	1.4	.8	.0	11.6	27.5	25.0
(S) 170-190	.4	.6	.7	1.0	.9	.4	.4	.6	.7	.4		6.3	24.8	22.0
200-220	.2	.3	.6	.5	.6	.4	.5	.2	.1	.2	.1	3.7	24.3	22.0
230-250	.2	1.1	1.8	1.9	2.2	1.6	1.2	1.0	.7	.4	.1	12.1	23.7	23.0
(W) 260-280	.3	.6	.8	1.0	1.3	1.1	.5	.3	.2	.0		6.1	20.7	21.0
290-310	.3	.5	1.0	1.0	1.1	.6	.5	.6	.3	.0		5.8	21.3	21.0
320-340	.6	1.8	3.2	3.1	2.8	1.3	.8	.8	.3	.1		14.7	18.3	17.0
VARIABLE														
CALM	////////////////////											.8	////////////////	
TOTALS	3.7	9.0	14.9	16.3	17.4	10.4	9.2	7.6	6.6	3.6	.8	100.0	23.0	21.0
TOTAL NUMBER OF OBSERVATIONS 5125														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.7	.9	.9	.9	.3	.3	.3	.1			4.5	18.0	17.0
020-040		.3	1.1	1.4	.7	.5	.7	.2		.2		5.1	21.3	18.0
050-070	.1	.1	.7	1.7	1.8	2.0	1.8	1.1	.5	1.1	1.1	12.0	32.5	25.0
(E) 080-100	.1	.2	.7	.5	.9	.9	1.9	2.6	2.8	.7	.1		33.5	25.0
110-130	.1	.3	1.2	1.1	1.4	2.0	1.8	1.4	2.6	1.6		13.3	32.0	25.0
140-160	.2	.4	.3	.9	2.5	2.4	3.0	1.8	2.7	1.8	.1	16.1	32.6	25.0
(S) 170-190		.1	.4	.2	.9	.7	.5	.6	1.4	1.0		5.9	35.1	25.0
200-220	.1	.3	.4	.1	.4	.5	.8	.2	.1	.3	.1	3.3	27.5	25.0
230-250	.1	1.3	1.6	2.0	1.6	1.6	.8	1.3	.5	.5		11.2	23.5	22.5
(W) 260-280	.1	.4	.3	.4	.7	.6	.3	.3	.2			3.2	23.0	23.0
290-310	.1	.6	1.0	1.1	.9	.2	.3	.5	.3	.1		5.1	20.3	17.0
320-340	.3	.3	1.2	2.0	2.4	.7	.7	.9	.3			8.8	21.7	20.5
VARIABLE														
CALM	////////////////////////////////////											.0	////////////////////////////////	
TOTALS	1.3	5.0	9.8	12.3	15.1	12.4	12.9	11.2	11.5	7.3	1.4	100.0	28.5	25.0

TOTAL NUMBER OF OBSERVATIONS 1479

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.0	.8	1.3	1.2		.2	.2	.5	.2		5.5	20.0	17.0
020-040		.3	1.0	.8	1.2	.7	.5	.3	.2			5.0	21.5	21.5
050-070		.8	1.0	1.3	1.0	1.2	1.7	1.2	1.8	.8	.3	11.1	30.3	25.0
(E) 080-100		2.2	2.8	1.3	1.7	.2	1.3	.7	1.2	.7	.2	12.1	23.2	19.0
110-130	.2	.8	.5	1.0	1.7	1.3	1.3	1.3	.5	1.3		10.0	29.0	25.0
140-160	.3	1.5	2.8	1.8	1.3	.8	.7	.3	1.2	1.2		12.0	23.4	19.0
(S) 170-190	.7	1.5	.7	.8	1.0	.8	.7	.3				6.5	17.3	17.0
200-220		.2	1.3	1.0	.5	.2	.3			.2		3.7	18.8	16.0
230-250	.8	3.7	1.8	2.0	1.5	1.5	1.7		.3			13.3	16.9	16.0
(W) 260-280	.7	1.2	.8	.5	2.0	.3	.2					5.7	15.4	17.0
290-310			.3	.8	.3		.3	.2				2.0	22.0	18.0
320-340	.3	1.3	3.0	2.3	1.5	1.0	.5	.5				10.5	16.9	16.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	3.2	14.5	16.8	14.9	14.9	8.0	9.4	5.0	5.7	4.4	.5	100.0	21.2	19.0

TOTAL NUMBER OF OBSERVATIONS 601

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.6	1.0	1.1	1.3	.3	.2	.5	1.0			6.4	21.2	20.0
020-040	.3	.6	.5	1.0	1.0	1.0	.2		.2			4.6	18.7	17.0
050-070	.2	1.3	.5	1.1	1.3	1.6	1.6	1.3	1.9	1.0	.3	11.9	30.6	25.0
(E) 080-100		1.0	1.6	1.6	1.1	.6	.5	.5	.6	.8		8.3	24.2	20.0
110-130		.5	1.1	1.1	1.9	.3	.8	.6	1.1	1.1		8.6	28.9	24.0
140-160	.2	1.4	2.4	2.1	2.1	1.0	1.7	1.0	.8	.8		13.4	23.8	22.0
(S) 170-190	.6	.8	1.1	1.4	.3	.6	1.0	.2	.2			6.2	18.1	17.0
200-220	.2	.5	1.0	.8	.6	.3	.6					4.0	18.2	17.0
230-250	.3	1.9	3.3	2.2	2.4	1.7	1.3	.8	.6			14.6	19.7	19.0
(W) 260-280	.8	1.1	1.1	.5	.6	.2	.3	.2				4.8	13.8	12.0
290-310	.2	.6	.3	.6	.8		.3	.5			.2	3.5	22.1	20.5
320-340	1.3	1.3	1.9	3.5	1.6	1.1	.3		.2			11.1	15.8	17.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	4.6	11.6	15.8	17.0	15.0	8.7	8.8	5.6	6.6	3.7	.5	100.0	21.4	19.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.0	.6	.9	1.5	.1	.3	.1	.7			6.4	18.2	17.0
020-040	.9	.3	.6	.4	.3	.6	.3		.1			3.5	15.9	15.0
050-070	1.2	1.2	.4	.6	1.0	1.6	2.1	1.5	1.3	1.0	4	12.4	28.8	25.0
(E) 080-100		1.5	1.8	1.5	1.2	.6	1.3	.6	.9	.1		9.5	22.2	19.5
110-130		.3	1.8	.7	1.2	.7	.7	1.0	1.0	.7		8.3	27.6	25.0
140-160	.4	1.0	1.3	1.3	1.5	1.6	1.0	1.3	1.2			10.8	23.6	24.0
(S) 170-190	.1	.4	1.8	.7	1.0	.7	.6	.4	1.0	.1		7.1	23.7	22.5
200-220		.3	.6	.4	.3	.3	.6	.1				2.7	20.7	19.5
230-250	.6	1.5	2.8	4.0	3.7	.7	.7	1.2	1.0	.1		16.4	20.5	18.0
(W) 260-280	.6	1.5	1.3		.7	.3						4.4	12.2	11.0
290-310	.4	.6	.7	.7	.4	.1	.4	.3		.3	.1	4.3	21.6	17.0
320-340	.7	1.5	1.9	3.7	1.3	.7	.6	.6	.3			11.4	17.9	17.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////	
TOTALS	5.9	11.1	15.6	14.9	14.1	8.0	8.6	7.1	7.5	2.3	.5	100.0	21.3	20.0
TOTAL NUMBER OF OBSERVATIONS 677														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.3	.4	1.2	.9		.7	.6			5.0	23.9	24.0
020-040		.4	.4	.4	.7	.4	.6					3.1	20.5	21.0
050-070	1.0	.6	1.2	1.2	2.4	1.9	1.2	1.0	.6	.4	.4	12.0	25.6	24.0
(E) 080-100	.1	1.9	2.1	1.5	1.6	1.2	.7	1.2	1.0	.6		12.0	23.5	21.0
110-130	.3	1.3	.9	.9	.7	1.0	1.9	.9	1.2	.4	.1	9.7	26.5	25.0
140-160	.4	2.5	1.0	1.8	1.2	1.5	1.0	1.0	1.5	.1		12.1	22.4	20.5
(S) 170-190	.3	.1	1.0	1.2	.4	.9	.9	.7	.3			5.9	22.8	24.0
200-220	.1	.4	.6	.9	.6	.4	.3	.3				3.7	19.3	17.0
230-250	.6	2.8	2.1	2.5	3.2	1.2	.7	.1	.6			13.9	17.6	17.0
(W) 260-280	.7	.7	.9	.6	1.0	.3	.4		.1			4.9	16.5	17.0
290-310	.1	.7	.3	.7	.9	.1	.1	.1	.4	.1		3.8	21.3	19.5
320-340	1.5	2.1	2.2	2.4	1.6	.6	.6	.1	.4			11.5	15.6	15.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	5.4	14.1	13.0	14.5	15.5	10.4	8.4	6.1	6.7	1.6	.5	100.0	20.9	20.0

TOTAL NUMBER OF OBSERVATIONS 677



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4	.1	.7	.9	.4	.1	.6	.7			4.6	24.0	22.0
020-040	.1	.1	.7	.9	.9	.6					.1	3.6	20.7	19.0
050-070	.4	1.9	1.0	1.6	2.4	1.0	2.1	.9	.6	.3	.1	12.4	23.2	22.0
(E) 080-100	.4	.3	.7	1.8	.6	1.0	2.2	.9	.7	.9		9.6	27.6	25.0
110-130		1.3	1.5	1.2	1.2	1.3	1.9	1.8	.9	.1		11.3	25.1	25.0
140-160	.1	1.3	1.9	1.9	1.5	1.2	.9	1.2	.7	.6		11.4	23.2	21.0
(S) 170-190	.9	.6	.3	1.9	1.2	.6	.4	.7	.4			7.1	20.4	18.5
200-220	.3	.7	.6	.6	1.5	.3	.3	.4	.4			5.2	20.8	21.0
230-250	.9	2.1	2.8	2.8	1.8	1.2	1.2	.4	.1			13.3	17.2	17.0
(W) 260-280	.7	1.5	1.2	.3	.7		.3	.3	.1			5.2	14.8	11.0
290-310	.3	.6	1.0	1.8	1.2	.3			.4	.3		5.9	19.7	17.0
320-340	.4	1.2	1.9	2.1	1.3	1.8	.4	.3				9.5	18.0	17.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	4.9	12.0	13.7	17.6	15.2	9.7	9.8	7.5	5.0	2.2	.2	100.0	21.3	20.0
TOTAL NUMBER OF OBSERVATIONS 675														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.1	.3	.9	.9	.3	1.2	.3			4.0	29.0	25.0
020-040		.1	.4	2.5	.7	.6	.1					4.6	18.9	17.0
050-070		1.8	1.6	1.3	1.5	.7	2.2	1.8	.9			11.8	23.7	24.0
(E) 080-100	.4	.6	1.2	.9	1.0	1.3	1.5	1.5	1.0	.6		10.0	27.2	25.0
110-130	.3	.6	1.0	1.6	.9	1.8	2.5	1.2	.6	.1		10.6	25.2	25.0
140-160	.1	1.8	1.6	1.8	1.6	1.5	1.8	1.0	1.0	.4		12.7	23.3	24.0
(S) 170-190	.1	1.2	.6	.9	.7	.3		.4	.3	.1		4.7	19.5	18.0
200-220	.3	.6	1.2	1.0	.4	.7	.9	.4				5.6	19.8	17.0
230-250	1.0	2.7	3.2	1.8	1.6	1.2	.9	.6				13.0	16.1	14.0
(W) 260-280	1.0	1.2	2.1	1.5	.7	.7	.6	.1	.1			8.1	16.2	14.0
290-310	.3	.7	.3	1.3	.6	.6	.6		.3			4.7	19.9	18.5
320-340		1.3	1.6	2.7	2.1	.6	.3	.1			.4	9.2	19.9	17.0
VARIABLE														
CALM	////////////////////////////////////											.9	////	////
TOTALS	3.5	12.6	14.9	17.6	12.7	10.9	11.7	8.3	4.5	1.2	.4	100.0	21.4	20.0

TOTAL NUMBER OF OBSERVATIONS 677

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.3	.9	1.3	1.2	.3	.4	.7	.4			5.6	23.2	20.5
020-040	.1	.1	.7	1.3	1.0	.1	.9	.3				4.7	20.4	19.5
050-070	.3	.4	1.2	1.8	1.2	.7	1.9	1.8	1.3	.7	.3	11.7	28.8	25.0
(E) 080-100	.4	3.1	1.9	1.0	1.5	.9	1.5	.9	.6	.7	.1	12.7	21.8	19.0
110-130		.1		1.0	.7	1.3	2.2	1.2	1.2			7.8	30.1	25.0
140-160	.9	1.2	2.2	1.9	.9	1.8	1.3	1.6	.6	.4		12.9	22.1	21.0
(S) 170-190	.3	1.0	.9	.7	.4	.1	.3					3.8	14.3	13.5
200-220		1.3	.9	.3	.3	.4	.7	.4				4.4	19.1	15.5
230-250	1.8	2.5	2.8	2.1	1.2	1.0	1.0	.9				13.3	16.0	14.0
(W) 260-280		1.8	2.1	.6	.7	.6	.3		.1			6.2	15.2	13.0
290-310	.3	.3	.9	1.3	.6	.4	.3	.6	.1	.1		5.0	21.3	17.0
320-340		1.2	3.1	1.6	1.8	1.3	.3	.4			.1	9.9	18.4	17.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	4.1	13.3	17.6	14.9	11.5	8.9	11.1	8.8	4.3	1.9	.5	100.0	21.0	19.0
TOTAL NUMBER OF OBSERVATIONS 677														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5	.8	.7	1.3		.2	.3	.3			4.1	20.9	20.0
020-040		.2	.8	.7	1.0	.8	.7					4.1	21.4	22.0
050-070	.5	.7	1.5	1.3	1.7	1.3	1.8	1.3	1.8	1.0	.2	13.1	28.6	25.0
(E) 080-100	.8	2.7	1.8	.8	2.3	.8	1.0		1.5	.5	1.0	13.3	24.5	21.0
110-130		1.0	.7	.3	.7	1.2	2.2	1.2	1.0	.8		9.0	29.6	25.0
140-160	1.0	1.5	3.3	1.7	1.7	1.0	.5	1.3	1.2	1.0		14.1	22.7	18.0
(S) 170-190	.7	.7	.8	.7	.5			.2				3.5	13.1	12.0
200-220		.5	.2	.7	.2	.7						2.2	18.0	17.0
230-250	1.0	2.2	4.0	2.7	1.7	1.2	1.3	.2	.5			14.6	17.0	15.5
(W) 260-280	1.0	2.3	1.7	1.0	.5	.7	.2					7.3	12.1	10.0
290-310		.5	.5	.5	1.0		.2					2.7	17.1	16.0
320-340	1.0	1.7	2.5	2.0	2.0	.2	.8	.7				10.8	16.3	16.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	6.0	14.5	18.6	13.1	14.6	7.9	8.9	5.2	6.3	3.3	1.2	100.0	21.0	17.0
TOTAL NUMBER OF OBSERVATIONS 603														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.6	.8	1.2	.4	.2	.6	.6	.0		5.2	22.3	21.0
020-040	.2	.3	.7	1.0	.8	.6	.4	.1	.1		.0	4.1	19.8	19.0
050-070	.5	1.1	1.1	1.3	1.6	1.3	1.8	1.3	1.3	.7	.3	12.1	27.4	25.0
(E) 080-100	.3	1.6	1.7	1.3	1.4	.8	1.3	.8	.9	.6	.2	10.9	24.2	22.0
110-130	.1	.7	.9	1.0	1.1	1.1	1.7	1.2	.9	.6	.0	9.4	27.5	25.0
140-160	.4	1.5	2.1	1.8	1.5	1.3	1.1	1.1	1.0	.6		12.4	23.0	21.0
(S) 170-190	.5	.8	.9	1.1	.7	.5	.5	.4	.3	.0		5.6	19.4	17.0
200-220	.1	.6	.8	.7	.6	.4	.5	.2	.1	.0		3.9	19.5	17.0
230-250	.9	2.4	2.9	2.5	2.1	1.2	1.1	.5	.4	.0		14.1	17.7	17.0
(W) 260-280	.7	1.4	1.4	.6	.9	.4	.3	.1	.1			5.8	14.6	13.0
290-310	.2	.5	.6	1.0	.7	.2	.3	.2	.2	.1	.0	4.0	20.6	17.0
320-340	.7	1.4	2.3	2.5	1.6	.9	.5	.3	.1		.1	10.5	17.3	16.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	4.9	12.9	16.0	15.6	14.2	9.1	9.7	6.8	6.0	2.6	.6	100.0	21.2	19.0
TOTAL NUMBER OF OBSERVATIONS 5216														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.1	.3	.8	.8	.8	.2	.1	.9	1.0	.1		5.2	26.4	23.0
020-040		.1	.1	.5	.7	.9	.7	.5	.1				3.7	21.0	23.0
050-070		.5	.3	.4	.6	.8	1.6	2.2	2.1	2.6	1.2		12.4	32.8	25.0
(E) 080-100		.2	.7	1.0	1.3	2.6	.9	1.8	2.1	1.9	1.5	.1	14.2	30.3	25.0
110-130			.3	1.3	.9	1.3	1.3	3.2	2.8	1.7	1.0		13.8	31.1	25.0
140-160		.3	1.1	2.6	2.0	2.0	2.6	2.1	2.5	2.4	1.7		19.3	28.2	25.0
(S) 170-190		.1	.7	.4	.8	.5	.4	.2	.6	.6	.1		4.5	24.0	21.0
200-220			.3	.7	.6	.3	.1	.2		.2	.1		2.5	19.8	15.0
230-250		.2	.6	1.7	2.0	1.4	1.3	1.4	.9	1.3	.1		10.9	24.2	23.0
(W) 260-280		.2		.7	.2	.8	.5	.1		.1			2.7	20.1	22.0
290-310		.1	.1	.4	.7	.7	.1	.3	.2	.3	.3		3.3	25.7	22.0
320-340		.1	.3	.9	.7	1.5	1.1	.7	.7	.4			6.5	23.6	23.0
VARIABLE															
CALM		////////////////////////////////////										1.0	////////////////////////////////		
TOTALS		1.9	4.8	11.4	11.3	15.6	10.8	12.8	12.9	12.5	6.1	.1	100.0	27.4	25.0

TOTAL NUMBER OF OBSERVATIONS 1352

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.8	.9	1.8	.8		.2					5.2	13.9	15.0
020-040	.2	.3	1.2	1.2	.9	.5	.2	.3	.3			5.0	19.9	19.0
050-070	.6	.8	2.3	1.8	2.0	1.2	1.5	.8	1.2			12.2	22.2	21.0
(E) 080-100			.9	.5	.5	.3	.8	.3	.6			3.8	26.4	25.0
110-130	.2	.2	1.5	1.8	1.8	.9	.9	1.2		.2	.3	9.0	24.8	21.0
140-160	.6	.6	2.0	3.3	1.7	1.5	.5	1.4	1.2	.2		12.9	22.1	18.0
(S) 170-190		.9	.6	1.8	.8	.6	1.1	.3	.3			6.4	21.0	18.0
200-220		.2	.3	1.1	.3	.6	.2	.5		.2		3.2	23.9	20.0
230-250	.5	2.4	2.6	3.7	4.1	2.1	1.1	1.2	.3			18.0	19.4	19.0
(W) 260-280	.9	.5	.6	1.1	.6	.8	.2					4.6	15.5	16.0
290-310	.3	.2	.5	2.1	1.2	.3	.5					5.0	18.8	17.0
320-340	.6	2.0	2.3	2.6	1.5	.6	.3	.8	.3			11.0	17.1	16.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	4.7	8.9	15.7	22.8	16.2	9.4	7.5	6.8	4.2	.6	.3	100.0	19.6	19.0
TOTAL NUMBER OF OBSERVATIONS 657														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.6	1.7	1.0	.9	.3		.1				4.6	16.3	15.0
020-040	.3	.9	1.4	.6	1.1	.3	.6	.1	.1			5.5	17.6	15.0
050-070	.1	1.0	1.3	2.6	1.9	1.0	.9	1.1	.9			10.8	22.6	21.0
(E) 080-100	.1	1.3	.9	1.0	.7	.7	.3	1.1	1.1	.1		7.5	24.2	21.0
110-130	.1	.1	.7	1.4	1.9	.6	.7	.9	.3		.1	6.9	24.5	22.0
140-160	.4	.3	1.0	1.1	3.9	1.6	.7	1.3	1.3	.4	.1	12.2	26.6	24.0
(S) 170-190	.4	.1	.9	1.6	1.6	.9	.6	.7				6.7	20.9	21.0
200-220	.3	.4	.4	.9	.9	.3	1.0	.3	.1	.4		5.0	23.7	21.0
230-250	.3	1.4	2.4	2.4	4.2	1.1	1.0	.6	.4			13.9	19.6	20.0
(W) 260-280	.4	.6	.3	1.6	1.1	.6	.1	.3				5.0	18.1	17.0
290-310	.6	.6	.3	1.0	.7	.6	.4	.3	.4			4.9	21.0	20.0
320-340	.9	1.0	3.4	3.0	1.4	.9	1.3	.1	.6	.3		12.9	18.8	16.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	3.9	8.3	14.7	18.2	20.3	8.9	7.6	6.9	5.2	1.2	.2	100.0	20.6	20.0
TOTAL NUMBER OF OBSERVATIONS 697														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.3	1.2	1.6	.4		.1	.3				3.9	17.4	16.0
020-040	.4	.9	1.4	.5	.9	.4	.8	.1	.3			5.8	18.8	17.0
050-070	.3	.4	1.8	1.6	2.6	1.4	1.8	1.4	.4	.1		11.6	23.7	22.5
(E) 080-100	.5	.8	1.9	.5	1.4	.4	.4	.7	.4	.1		7.2	20.5	17.0
110-130	.1	.4	1.1	.9	.8	.8	.8	.7	.7			6.4	24.1	24.0
140-160	.5	.4	1.5	1.4	2.0	1.5	2.4	1.4	.8	.5		12.4	26.0	25.0
(S) 170-190	.5	1.1	1.1	.8	.9	.9	1.1	.7	.3			7.4	20.5	21.0
200-220		.3	.7	1.6	.1	.3	.7	.4	.3	.8		5.1	27.5	19.5
230-250	.5	1.6	1.5	3.2	3.0	1.8	.8	.9	.1	.1		13.6	19.9	19.0
(W) 260-280	.5	.8	1.6	1.4	.8	.5	.5	.3	.1			6.6	17.2	16.0
290-310	.3	.4	.9	1.1		.3	.3	.5	.4			4.2	20.5	17.0
320-340	.3	1.4	4.1	2.6	2.0	.8	.9	.4	.1	.3		12.8	18.4	16.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	3.9	8.8	18.8	17.2	14.9	9.1	10.6	7.8	3.9	1.9		100.0	20.8	19.0
TOTAL NUMBER OF OBSERVATIONS 740														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.5	.9	.9	.9	.1	.8	.1				4.6	18.7	16.5
020-040		.7	1.1	.5	.9	.3	.5					4.1	17.8	16.5
050-070	.5	1.1	2.3	2.3	2.4	2.3	1.8	1.8	.5			15.0	22.5	23.0
(E) 080-100	.4	.3	1.5	1.1	.9	.5	.8	.7	.4			6.6	21.6	20.0
110-130	.1	.1	1.5	.7	.9	.3	.8	.4	1.1			5.9	24.9	21.5
140-160	.5	.8	1.6	2.2	1.4	1.8	2.6	1.1	.8	.1		12.8	23.8	24.0
(S) 170-190	.1	.5	.7	1.4	.5	1.1	.7	.9	.4			6.4	23.5	24.0
200-220		.5	.3	1.4	1.1	.7	1.1	.5	.4	.4		6.4	25.9	24.0
230-250	.3	1.8	1.9	3.5	3.6	.8	.9	.3	.5	.1		13.8	19.5	19.0
(W) 260-280	.7	.9	2.0	1.6	.3	.4	1.1	.1	.1			7.3	16.2	14.5
290-310	.3	.4	.8	.3	.8	.7	.1	.4	.3			4.1	20.5	21.0
320-340	.5	2.4	3.1	2.3	1.8	.7	.3		.4			11.5	15.2	14.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	3.5	10.0	17.7	18.2	15.5	9.7	11.5	6.3	4.9	.6		100.0	20.5	19.0
TOTAL NUMBER OF OBSERVATIONS 740														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.5	.7	1.5	.7	.1	.4					4.0	16.9	17.0
020-040		.7	.7	.9	1.2	.4	.8	.1				4.9	20.1	21.0
050-070	.5	1.2	2.3	2.2	2.8	1.6	1.9	1.3	1.2	.3		15.4	23.1	22.0
(E) 080-100	.7	.9	1.5	2.3	1.1	.4	.7	.3	.3			8.1	17.8	16.5
110-130	.3	.1	1.1	.9	.3	.4	1.3	.8	.7	.1		6.1	25.9	25.0
140-160	.8		1.5	1.3	2.7	1.9	1.2	1.1	.3			10.8	22.8	23.0
(S) 170-190		.3	.5	.9	.5	1.1	1.1	.4	.9	.1		5.9	27.4	25.0
200-220		.1	.3	.4	1.1	1.2	1.3	.8	.5	.1		5.9	28.4	25.0
230-250	.3	1.1	1.6	4.9	2.3	2.7	1.3	.7	.7	.5		16.1	22.3	20.0
(W) 260-280	.5	.7	2.3	.9	.8	.3	.7					6.2	15.4	14.0
290-310	.1	1.2	1.1	1.2	.5	.5	.3	.4	.1			5.5	17.5	16.0
320-340	.1	1.5	2.0	2.7	2.0	.5	.7	.1	.1			9.9	17.5	17.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	3.4	8.3	15.6	20.1	16.0	11.1	11.7	6.0	4.8	1.1		100.0	21.2	21.0
TOTAL NUMBER OF OBSERVATIONS 741														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	.7	1.6	1.2	.5	.1	.1				5.4	17.2	16.5
020-040		.9	.7	.9	.8	.3	.3					3.9	16.4	17.0
050-070	.4	1.2	1.5	2.7	2.6	2.2	.9	1.8	.8	.1		14.2	23.0	22.0
(E) 080-100	.4	.1	1.1	1.5	.9	.8	1.1	.5	.3			6.7	22.1	21.0
110-130	.4	.5	.5	1.3	.5	.7	.5	.4	.5	.1		5.7	22.6	20.5
140-160	.4	.4	.8	1.8	1.6	1.6	2.0	1.2	.8	.3		10.9	25.0	25.0
(S) 170-190	.5	.3	.8	1.5	1.2	.4	.7	.7	.5	.3		6.9	23.3	22.0
200-220		.3	.8	.7	.7	1.3	.5	1.1	.8			6.2	26.7	25.0
230-250		1.1	2.4	3.4	3.9	2.6	1.2	1.1	.7	.5		16.9	23.1	22.0
(W) 260-280	.1	1.3	1.2	1.9	1.3	.3	.3					6.5	15.7	16.0
290-310		1.8	.9	1.1	1.2	.4	.4	.3				6.1	16.7	16.0
320-340	.3	.4	1.5	2.7	3.0	.9	.5	.4				9.7	19.7	20.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	2.8	9.1	12.9	21.1	18.9	12.0	8.5	7.6	4.4	1.3		100.0	21.5	21.0
TOTAL NUMBER OF OBSERVATIONS 741														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	.1	.3	.4	2.1	.8		.4				4.1	17.5	17.0
020-040	.3	.5	.7	2.2	1.2	.7	.3				5.9	17.9	17.0
050-070	.7	1.1	1.6	1.5	2.7	1.5	1.2	1.8	.7	.3	13.1	23.4	23.0
(E) 080-100	.1	.7	1.6	1.5	.7	.7	.5	.5	.7		7.1	21.3	18.0
110-130	.1	.4	.5	1.5	1.0	1.2	.4	.3	.4		5.9	22.6	24.0
140-160	.3	.5	1.1	1.4	1.6	1.9	1.1	2.2	.4	.4	10.9	26.0	25.0
(S) 170-190		.7	1.2	1.6	.3	.1	1.4	.7	.1		6.2	21.4	19.0
200-220	.3	.5	.7	1.0	1.1	1.0	1.0	.5	.4	.3	6.7	24.1	24.0
230-250	.1	.8	2.6	3.6	4.7	1.6	1.2	.5	.8	.5	16.6	22.4	21.0
(W) 260-280	.1	1.5	1.9	1.1	.5	.3	.3	.3			6.0	15.4	14.0
290-310		.7	1.1	.8	.5	.4	.5	.1	.1		4.4	18.3	16.0
320-340	.7	1.4	2.5	3.3	3.0	.4	.3	.1	.1		11.8	16.4	16.0
VARIABLE													
CALM	////////////////////////////////////										1.4	////////////////////////////////	
TOTALS	2.8	9.1	15.9	21.6	18.1	9.8	8.6	7.0	3.7	1.5	100.0	20.8	19.0
TOTAL NUMBER OF OBSERVATIONS 731													

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.9	1.0	1.0	1.3	.3	.1	.1				5.1	16.6	17.0
020-040	.1	.3	1.0	1.3	1.0	.3	.3					4.5	17.6	18.5
050-070	.4	.7	2.1	2.5	2.1	1.8	1.5	1.3	1.2	.3		14.1	23.8	23.0
(E) 080-100	.3	.4	.9	.7	.4	.3	.6	.6	.7		.3	5.4	26.1	22.5
110-130		.4	1.3	1.5	.6	1.9	.1	.3	.3	.3		6.9	22.7	21.5
140-160	1.0	.7	1.3	2.2	.7	1.2	1.5	1.2	.6			10.6	21.3	19.0
(S) 170-190		1.0	1.3	.9	.3	.3	.7	.9				5.5	19.7	16.0
200-220		1.3	.3	1.0	.7	.9	.7	1.0	.1	.3		6.6	23.9	24.0
230-250	.4	1.9	2.2	4.0	4.9	2.1	.7	.9	.4	.1		18.0	19.7	20.0
(W) 260-280	.1	1.0	1.8	1.5	.7		.3	.1	.3			6.0	16.7	14.5
290-310	.1	.1	.7	.9		.6			.1			3.9	19.3	19.5
320-340	.7	2.7	2.2	3.4	1.2		.1	.4	.3			11.2	15.0	14.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	3.2	11.4	16.1	20.9	15.1	9.7	6.6	6.8	4.0	1.0	.3	100.0	19.9	18.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.6	.9	1.5	.9	.2	.3	.1				4.6	16.8	17.0
020-040	.2	.7	1.0	1.0	1.0	.4	.5	.1	.1			4.9	18.3	17.0
050-070	.5	.9	1.9	2.2	2.4	1.6	1.4	1.4	.9	.1		13.3	23.1	23.0
(E) 080-100	.3	.6	1.3	1.2	.8	.5	.6	.6	.6	.0	.0	6.6	22.0	19.0
110-130	.2	.3	1.0	1.3	1.0	.8	.7	.6	.5	.1	.1	6.5	24.1	23.0
140-160	.6	.5	1.3	1.8	2.0	1.6	1.5	1.3	.8	.2	.0	11.7	24.3	24.0
(S) 170-190	.2	.6	.9	1.3	.8	.7	.9	.7	.3	.1		6.4	22.2	21.0
200-220	.1	.5	.5	1.0	.8	.8	.8	.6	.3	.3		5.7	25.6	25.0
230-250	.3	1.5	2.2	3.6	3.8	1.9	1.0	.8	.5	.3		15.8	20.8	20.0
(W) 260-280	.4	.9	1.5	1.4	.8	.4	.4	.1	.1			6.1	16.3	15.0
290-310	.2	.7	.8	1.0	.8	.5	.3	.3	.2			4.8	18.9	17.0
320-340	.5	1.6	2.6	2.8	2.0	.6	.6	.3	.2	.1		11.3	17.3	16.0
VARIABLE														
CALM	////////////////////											2.2	////////////////	
TOTALS	3.7	9.4	15.9	20.1	17.1	10.0	9.0	6.9	4.5	1.2	.1	100.0	20.6	19.0
TOTAL NUMBER OF OBSERVATIONS 5715														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.6	.8	1.7	1.1	.1	.3	.1				4.8	17.1	17.0
020-040		.1	.3	.6	1.5	.4	.4	.1	.3			3.8	23.8	22.0
050-070	.3	.8	1.5	2.1	2.9	2.2	2.0	2.8	1.6			16.1	25.9	25.0
(E) 080-100	.2	.3	.7	.7	1.4	.8	1.2	.8	.2	.1		6.3	24.5	24.0
110-130			.4	1.1	1.1	1.7	1.6	.5	1.6	.2		8.2	29.8	25.0
140-160	.1	.2	.6	2.8	4.0	3.1	3.1	2.8	1.8	.6	.1	19.2	28.5	25.0
(S) 170-190	.1	.4	.9	1.1	1.2	1.0	2.0	1.2	.8	.2		8.9	26.7	25.0
200-220			.3	.9	.8	.7	1.1	.9	.3	.9		5.9	31.5	25.0
230-250		.7	1.8	2.3	1.8	1.2	.8	1.2	.6	.8		11.2	24.7	22.0
(W) 260-280		.4	1.0	1.3	.6	.2	.7	.1	.1			4.3	19.1	17.0
290-310		.4		.5	.4	.5	.5	.7	.3			3.3	26.4	25.0
320-340	.4	.4	.6	1.8	1.8	.7	.8	.6	.1	.1		7.3	21.7	21.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	1.2	4.3	8.9	16.9	18.6	12.6	14.5	11.8	7.7	2.9	.1	100.0	25.6	24.0

TOTAL NUMBER OF OBSERVATIONS 1594



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR 40-50

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.5	1.7	1.5	1.2	.5	.3	.2	.2			7.6	15.8	14.5
020-040	.5	.6	1.2	1.7	1.2	1.1	.2					6.4	17.1	17.0
050-070	.6	1.4	3.4	3.8	2.4	.3	.5	.2		.5		13.0	17.2	17.0
(E) 080-100	.9	.3	.6	.3	.3	.3	1.1	.6				4.4	19.6	21.0
110-130	.2	.3	.9	.2	.2	.3	.2	.6	.3	.2		3.2	24.0	21.0
140-160	.5	2.4	2.0	1.5	3.0	2.1	.3	1.2	1.2	.3		14.6	21.9	21.0
(S) 170-190	.5	.6	.9	.3	1.4	.2	.5		.6	.2		5.0	20.9	21.0
200-220	.3	.6	1.4	.9	.3	.6	.3	.8				5.2	18.8	16.0
230-250		2.4	2.1	2.9	2.7	.5	.9	.3	.2	.2		12.2	18.0	17.0
(W) 260-280	.2	1.8	1.5	.9	1.4	.5	.2	.2				6.6	14.9	12.0
290-310	.2	.8	.3	.3	.6							2.1	13.0	10.0
320-340	1.7	3.2	4.9	4.0	1.8	1.2	.3	.2	.2			17.4	14.3	14.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	6.2	15.9	20.9	18.3	16.5	7.6	4.8	4.3	2.7	1.4		100.0	17.3	16.0
TOTAL NUMBER OF OBSERVATIONS 656														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70454

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.3	2.4	1.7	1.0	.4	.4	.6	.4			8.6	17.6	16.0
020-040		.6	.8	1.3	1.0	.4	.1	.1				4.3	17.8	17.0
050-070	.7	1.5	2.4	3.1	1.9	1.0	.6		.3	.4		11.8	18.1	17.0
(E) 080-100	.8	.7	.6	1.0	.4	.3	.6	.6				4.9	17.3	17.0
110-130	.1	.4	.8		.1	.3	.1	.3	.7			2.9	23.6	21.0
140-160	.8	1.8	1.5	1.5	2.2	1.0	.6	1.4	1.3	.4		12.5	22.5	21.0
(S) 170-190	.3	.7	.8	.7	1.7	.6		.3	1.0		.4	6.4	24.8	21.0
200-220		.8	.8	1.4	.7	.6	.3	.3	.3			5.1	19.7	17.0
230-250	1.0	1.0	3.1	2.9	1.5	.8	1.0	.8	.4			12.5	18.5	16.0
(W) 260-280	.1	1.1	1.7	1.3	1.3	1.0		.4	.4			7.2	19.0	17.0
290-310	.7	1.1	.8	1.0	1.4	.3	.1	.1				5.6	15.3	16.0
320-340	1.3	4.4	4.7	1.9	2.5	.6	.4	.1				16.0	13.3	12.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	6.4	15.4	20.4	17.8	15.7	7.3	4.2	5.0	4.8	.8	.4	100.0	18.0	17.0
TOTAL NUMBER OF OBSERVATIONS 720														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.9	1.7	1.4	.6	.3	.4	.6	.1			7.1	16.4	14.0
020-040		.3	1.4	1.4	1.0	.4	.3	.3				5.0	18.8	17.0
050-070	.4	2.2	4.2	2.6	2.2	.6	.1	.1	.7			13.2	16.2	14.0
(E) 080-100	.7	.1	.1	1.1	.7	.7	.7	.4				4.6	20.3	20.0
110-130			.4	.3	1.0		.3	.3	.6	.3		3.1	29.5	22.5
140-160	1.1	1.7	.7	2.6	2.2	1.1	1.5	1.1	.3	.6		12.9	21.7	21.0
(S) 170-190		.6	.7	1.1	1.0	.8	.4		.4	.1		5.1	22.1	21.0
200-220	.1	1.0	.7	1.3	.7		.3		.6			4.6	18.4	16.0
230-250	.3	1.5	2.5	3.3	2.1	1.5	.6	.7	.6			13.1	19.5	17.5
(W) 260-280	.1	1.7	2.2	.6	1.0	.6	.6	.4	.3			7.4	17.7	14.0
290-310	.1	1.3	1.4	.8	1.1	.8	.1	.1				5.8	16.8	15.5
320-340	1.8	4.2	3.3	3.3	1.5	1.0	.7					15.9	13.7	14.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	4.7	16.5	19.3	19.8	15.1	7.8	6.0	4.0	3.6	1.0		100.0	17.9	16.0
TOTAL NUMBER OF OBSERVATIONS 719														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.7	2.8	1.4	1.1	.4	.4	.1				8.2	14.9	13.0
020-040	.1	1.0	1.7	1.0	1.0	.8	.6	.1				6.3	17.9	18.0
050-070	.7	1.8	3.2	2.8	2.4	1.5	1.1	.7				14.2	18.2	17.0
(E) 080-100	.3	.7	.1	.4	.1	.6	.8	.4				3.5	21.0	25.0
110-130		.1	.1	.8	1.0	.6	.3	.4	.8	.3		4.5	28.6	25.0
140-160	.1	1.4	2.2	2.5	2.2	1.3	1.0	1.3	.6	.4		12.9	21.9	20.0
(S) 170-190	.1	.1	.6	.3	1.8	1.1	.7		.1			4.9	22.7	23.0
200-220		.3	1.3	.6	.6	.3	.1	.4	.4			3.9	21.5	18.0
230-250	.7	1.7	3.1	2.4	2.1	.4	.7	.7	.1			11.8	17.2	16.0
(W) 260-280		1.3	1.3	2.4	1.5	.7	1.5	.3	.3			9.2	19.9	17.5
290-310	.4	.7	.8	1.1	1.1	.3	.1		.1			4.7	16.0	16.0
320-340	1.0	3.2	3.5	4.3	1.9	1.0	.3	.3				15.4	14.6	15.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	3.7	14.0	20.7	20.0	16.8	9.0	7.6	4.7	2.4	.7		100.0	18.6	17.0
TOTAL NUMBER OF OBSERVATIONS 719														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.7	2.2	1.5	.7	.3	.3	.4				6.8	15.9	14.0
020-040		.8	1.1	1.0	1.1	.8	.7					5.6	18.9	17.5
050-070	.8	1.3	1.4	3.2	3.1	1.5	1.8	.6	.1			14.3	19.4	19.0
(E) 080-100	.1	.7	.3	.4	.1	.3	.8	.8				3.6	22.5	25.0
110-130		.1	.4	.4	1.0	.6	1.1	.4	.4	.3		4.7	28.0	25.0
140-160	.3	1.3	1.8	2.2	1.9	1.1	1.5	1.1	.4			11.7	21.3	20.0
(S) 170-190	.1	.4	1.9	.8	1.7	.7	.7	.3	.1			6.8	20.0	21.0
200-220		.6	.6	1.0	1.3	.7	.6	.4	.4			5.4	22.8	22.0
230-250	.4	.8	2.8	2.2	2.4	1.7	.6	.6				11.4	18.3	17.0
(W) 260-280	.4	1.1	2.1	1.9	2.1	.8	1.0	.4	.4	.3		10.6	20.4	19.0
290-310	.1	1.3	1.4	1.7	.7	.6						5.7	15.0	15.0
320-340		.3	2.2	3.6	4.0	1.1	.7	.4				12.4	19.8	20.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	2.9	9.4	18.7	19.9	20.1	10.2	9.8	5.4	1.8	.6		100.0	19.7	19.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.7	1.5	1.9	.6	1.0	1.0	.1				7.0	18.5	17.0
020-040	.4	.6	1.3	1.4	.6	1.1	1.0					6.3	18.6	18.0
050-070		1.8	2.6	3.6	2.9	1.3	1.7	.3				14.2	18.7	17.0
(E) 080-100			.4	.6	.6	.6	.8	.6				3.5	25.2	25.0
110-130				.1	.4	1.5	1.5	.1	.1			3.9	28.6	25.0
140-160	.1	1.4	1.5	1.9	3.6	.8	1.0	.7	.6	.1		11.8	21.4	21.0
(S) 170-190		.4	1.0	.8	1.8	.4	.7	.1				5.3	20.2	21.0
200-220	.1	.7	1.1	.4	.3	1.0	.4	.6	.6			5.1	22.6	24.0
230-250	.1	1.8	2.5	4.2	2.5	1.9	1.0	.6	.1			14.7	18.9	18.0
(W) 260-280		.7	2.1	2.1	1.9	.8	.7	.4	.1	.3	.1	9.3	21.1	19.0
290-310	.1	1.0	1.5	1.1	1.7	.1			.1			5.7	15.5	16.0
320-340	.4	1.4	1.3	3.3	4.0	1.3	.4	.6				12.7	18.9	19.0
VARIABLE														
CALM	////////////////////											.6	////////	
TOTALS	1.3	10.5	16.8	21.4	20.9	11.8	10.2	4.1	1.6	.4	.1	100.0	19.9	19.0

TOTAL NUMBER OF OBSERVATIONS 719

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.7	1.2	.7	1.3	1.2	.1					6.6	16.0	15.0
020-040	.6	.6	.9	1.2	1.6	.9						5.7	16.5	17.0
050-070	.6	2.0	4.2	2.9	2.8	.9	1.0	.6				15.0	17.0	16.0
(E) 080-100	.1	.1	.1	.4	1.0	.1	.4	.9				3.4	24.2	24.0
110-130			.1	.6	.7	1.0	1.2	.4				4.1	26.9	25.0
140-160	.1	1.2	3.2	1.7	3.1	2.0	1.0	.3	.4	.3		13.4	20.7	21.0
(S) 170-190	.3	.4	.9	.4	.7	.6	.3		.1			3.8	18.0	18.0
200-220		.6	.7	.6	.9	.4	.6	1.0				4.8	22.3	22.0
230-250	.1	1.5	3.8	3.8	2.0	1.7	.7	.6				14.3	17.9	17.0
(W) 260-280		1.1	2.0	2.6	1.5	.6	.3	.3	.3			8.6	18.2	16.0
290-310	.1	.3	1.5	.4	1.0	.1	.3					3.8	16.4	14.5
320-340	.3	1.5	3.2	4.5	3.5	1.6	1.2	.4	.1			16.3	18.7	18.0
VARIABLE														
CALM	////////////////////											.3	////////////////	
TOTALS	2.5	10.9	21.8	19.8	20.1	11.1	7.1	4.5	.9	.3		100.0	18.8	18.0
TOTAL NUMBER OF OBSERVATIONS 686														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	2.1	3.2	1.3	.8	.8	.3					9.1	13.5	12.0
020-040	1.0	.8	.6	1.9	1.9	1.1						7.3	16.5	19.0
050-070	.8	1.3	3.3	4.1	2.2	.6	1.0	.8	.2			14.3	17.8	17.0
(E) 080-100	.5	.8	.8	.5	.6	.3	1.4	.2				5.1	18.8	19.0
110-130		.3	.3	.5	.8	1.1		.5				3.5	22.6	24.0
140-160	.2	1.0	3.2	2.9	1.9	1.7	1.4	1.3	.6			14.1	21.6	19.0
(S) 170-190	.3	.6	.3	.5	1.0	.5	.8	.2	.2			4.3	20.6	22.0
200-220		.3	1.3	.5	.2		.6	1.0				3.8	21.5	18.5
230-250		1.6	3.5	3.5	1.4	.5	.5	.3				11.3	16.2	16.0
(W) 260-280	.2	1.0	2.5	1.4	1.0							6.0	13.2	13.0
290-310	.5	1.0	.8	.6	.6							3.5	11.8	10.0
320-340	.5	2.2	3.3	5.2	2.7	1.4	.3	.5	.2			16.4	16.9	16.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	4.6	13.0	23.1	22.9	15.1	8.0	6.3	4.8	1.2			100.0	17.3	16.0
TOTAL NUMBER OF OBSERVATIONS 629														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.4	2.1	1.4	.9	.6	.4	.3	.1			7.6	16.1	14.0
020-040	.3	.6	1.1	1.3	1.1	.8	.4	.1				5.8	17.7	17.5
050-070	.6	1.7	3.1	3.3	2.5	1.0	1.0	.4	.2	.1		5.7	17.8	17.0
(E) 080-100	.4	.4	.4	.6	.5	.4	.8	.6				4.1	20.8	21.0
110-130	.0	.2	.4	.4	.6	.7	.6	.4	.4	.1		3.7	26.8	25.0
140-160	.4	1.5	2.0	2.1	2.5	1.4	1.0	1.0	.7	.3		13.0	21.6	21.0
(S) 170-190	.2	.5	.9	.6	1.4	.6	.5	.1	.3	.0	.1	5.2	21.3	21.0
200-220	.1	.6	1.0	.8	.6	.4	.4	.5	.3			4.8	21.0	19.0
230-250	.3	1.5	2.9	3.1	2.1	1.1	.7	.6	.2	.0		12.7	18.1	17.0
(W) 260-280	.1	1.2	1.9	1.7	1.5	.6	.5	.3	.2	.1	.0	8.2	18.6	16.0
290-310	.3	.9	1.1	.9	1.0	.3	.1	.0	.0			4.7	15.3	15.0
320-340	.9	2.6	3.3	3.8	2.8	1.1	.5	.3	.1			15.2	16.1	16.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	4.0	13.1	20.2	20.0	17.5	9.0	6.9	4.6	2.5	.6	.1	100.0	18.5	17.0

TOTAL NUMBER OF OBSERVATIONS 5568

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.7	.5	1.3	.7	.6	.3	.2			5.1	20.7	22.0
020-040	.3	.4	.7	.5	.5	.4	.4	.2				3.4	18.3	17.0
050-070	.3	1.5	2.6	3.3	4.0	2.1	2.1	1.1	.3			17.3	21.0	21.0
(E) 080-100	.3	.3	.5	.8	.6	.9	2.0	1.4				6.8	25.4	25.0
110-130	.1	.3	.5	.5	.6	.7	1.0	.5	.9	.1		5.0	28.1	25.0
140-160	.6	2.2	2.8	2.6	3.5	2.3	1.8	2.0	1.7	.5		20.1	23.5	22.0
(S) 170-190	.1	.3	1.0	.5	1.3	.8	.7	.1	.4			5.2	22.6	23.0
200-220		.4	.8	1.2	.5	.4	.6	.5	.8			5.3	24.1	22.0
230-250	.2	.9	2.1	2.0	2.1	1.3	.9	.5	.2	.1		10.2	20.1	19.0
(W) 260-280	.1	.7	1.9	1.7	2.2	.7	.8	.8	.5	.2	.1	9.6	22.4	21.0
290-310	.1	.5	.5	1.0	2.1	.7	.2	.1				5.1	19.7	21.0
320-340	.2	.5	1.0	1.0	1.5	1.1	.8	.6	.1			6.8	21.5	22.0
VARIABLE														
CALM	////////////////////											.4	////////////////	
TOTALS	2.5	8.7	15.1	15.6	20.2	12.1	11.9	8.1	5.1	.9	.1	100.0	22.2	22.0

TOTAL NUMBER OF OBSERVATIONS 1920

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECOD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.3	2.1	2.5	1.3	.3						7.9	14.6	16.0
020-040	.7	1.5	3.1	2.1	1.5	.4	.4					9.8	14.8	14.0
050-070	.6	3.1	2.2	2.2	1.9	.4						10.5	13.8	13.0
(E) 080-100	.1	.4	.6	1.6	.3	.1						3.3	15.0	17.0
110-130	.1	1.2	2.4	.6	.7	.6	.4	.7	.4			7.3	19.3	14.0
140-160	1.0	1.8	1.6	1.9	1.0	.9	.1	.1	.1			8.7	14.9	14.0
(S) 170-190	.1	.3	1.3	.7	1.0	.3	.7	1				4.7	18.9	17.0
200-220		.1	.9	1.0	1.8	.4						4.3	18.7	20.0
230-250	.1	1.2	4.9	4.1	2.5	.7	.4	.3	.4			14.8	17.5	16.0
(W) 260-280		2.2	1.5	1.0	.6	.1	.1					5.6	12.9	10.0
290-310	.4	.9	1.8	.9	1.0	.7						5.8	15.1	14.0
320-340	.9	3.4	4.4	4.1	1.0	.1	.6					14.7	13.3	12.0
VARIABLE														
CALM	////////////////////////////////////										2.7	////////////////////////////////		
TOTALS	4.3	17.4	26.8	22.7	14.6	5.0	2.7	1.2	.9			100.0	15.1	14.0
TOTAL NUMBER OF OBSERVATIONS 675														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBE: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.1	1.5	2.4	1.2	.1	.3	.4				7.0	17.2	17.0
020-040	.7	.9	2.6	2.0	.9	.4	.3					7.8	14.6	14.0
050-070	.8	2.2	3.2	1.7	1.5	.9	.1	.1				10.6	14.3	14.0
(E) 080-100	.4	1.5	1.6	.8	.4							4.7	11.5	10.0
110-130	.1	.4	1.1	.7	.7	.7	.4	.3		.1		4.4	20.2	19.0
140-160	.8	1.2	2.0	1.9	1.6	.7	.7	.5	.1			9.6	17.5	16.0
(S) 170-190		.8	1.2	.9	1.1	.4	.4	.4				5.2	18.6	17.0
200-220			.8	.5	1.5	.1	.3	.3				3.5	21.0	20.5
230-250	.4	1.6	3.5	5.1	2.4	.5	.8	.1	.3			14.8	16.9	16.5
(W) 260-280	.1	.9	1.7	1.3	.4	.1						4.7	13.4	13.0
290-310	.4	1.3	2.7	1.6	.9	.7	.3					7.9	14.8	13.0
320-340	.7	4.3	6.9	3.5	1.2	.5	.7					17.8	13.2	12.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	4.4	16.2	28.8	22.4	13.8	5.1	4.3	2.1	.4	.1		100.0	15.3	14.0

TOTAL NUMBER OF OBSERVATIONS 743

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.6	2.0	2.3	2.0	.4	.5	.1				9.4	16.3	16.0
020-040	.1	1.5	1.9	2.0	.8	.1	.5	.1				7.1	15.6	15.0
050-070	.9	2.8	2.6	3.2	.7	.7	.3	.1				11.3	13.8	14.0
(E) 080-100	.5	.5	2.3	1.3	.9	.1	.1					5.9	14.2	14.0
110-130	.3	.5	.3	.1	.9		.3					2.4	16.6	19.0
140-160	.5	1.3	2.4	2.2	1.8	1.3	.3	.4	.1			10.4	17.4	17.0
(S) 170-190		.8	.9	.7	.9	.5	.7	.3				4.9	19.6	20.0
200-220	.1		.9	.9	1.2	.9	.5	.1				4.9	20.9	21.0
230-250	.1	2.6	2.6	3.9	1.8	.8	.3	.4				12.4	16.2	16.0
(W) 260-280	.5	.7	2.2	2.0	.4							5.6	13.1	13.0
290-310		2.0	1.5	.9	1.6	.3						6.3	14.7	13.0
320-340	.4	4.0	5.1	5.0	2.6	.8	.1	.3				18.3	14.5	14.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	3.8	18.3	24.7	24.5	15.6	5.9	3.6	1.8	.1			100.0	15.6	15.0
TOTAL NUMBER OF OBSERVATIONS 742														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.6	2.6	2.0	1.7	1.2	.5	.7				10.9	17.8	17.0
020-040	.1	1.2	2.0	1.5	.8	1.1	.3	.1				7.1	16.4	16.0
050-070		2.4	4.3	3.6	1.9	.3	.4					12.9	14.8	14.0
(E) 080-100	.1	.5	.7	1.5	.7	.1	.1	.1				3.9	16.7	16.0
110-130		.8	.8	.5	.3	.5	.3					3.2	16.8	14.5
140-160	.1	.9	2.2	3.0	1.6	1.2	.7	.4	.3			10.3	19.2	17.0
(S) 170-190		.5	1.2	.5	.7	.7	.7					4.3	19.2	18.0
200-220		.4	.3	.8	2.2	1.3	.3	.3				5.5	22.0	22.0
230-250		1.7	2.3	3.0	2.3	.7	.4		.1			10.5	16.9	16.0
(W) 260-280		.8	2.6	2.3	1.5							7.1	15.2	16.0
290-310	.5	1.1	1.6	1.6	1.7	.8	.1					7.5	16.1	16.5
320-340	.3	2.4	3.6	4.2	4.7	.5	.3	.1				16.1	16.4	17.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	1.6	14.3	24.2	24.5	20.1	8.4	4.1	1.7	.4			100.0	16.9	16.0

TOTAL NUMBER OF OBSERVATIONS 744

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	1.5	1.1	3.6	2.2	.7	.3	.1				9.7	16.6	17.0
020-040		1.3	1.6	1.6	1.3	.8	.3	.1				7.2	17.1	17.0
050-070	.1	1.9	3.8	3.6	1.9	1.1	.1					12.6	15.8	16.0
(E) 080-100		.3	.5	1.5	.7	.1		.3				3.4	18.6	17.0
110-130	.1	.3	.4	.3	1.8	.4	.5	.1	.4			4.3	23.1	22.5
140-160	.4	.9	1.9	2.3	1.5	.5	.8	.3	.3			8.9	18.4	17.0
(S) 170-190			.8	.8	1.3	1.3	.3	.4	.1			5.1	23.1	23.0
200-220		.3	.4	.9	1.3	1.3	.3	.1	.3			5.0	23.1	23.0
230-250	.4	1.3	3.6	3.8	1.6	.7	.3					11.7	15.5	16.0
(W) 260-280		1.5	3.0	3.0	.5	.1	.1					8.2	14.3	13.0
290-310		1.8	1.3	2.7	1.9	1.2	.1					9.0	16.7	17.0
320-340	.7	.3	4.7	3.5	3.8	1.1	.5		.1			14.7	17.3	17.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	2.0	11.4	23.1	27.6	19.8	9.3	3.6	1.4	1.2			100.0	17.5	17.0
TOTAL NUMBER OF OBSERVATIONS 741														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.6	1.8	2.7	1.7	.8		.1				7.7	17.7	17.0
020-040	.3	2.5	1.1	2.0	2.0	.7	.1	.1				8.8	15.9	17.0
050-070	.1	1.7	3.8	3.7	2.0	.8	.1					12.2	15.7	16.0
(E) 080-100		.7	.4	1.4	.4	.3						3.2	15.3	17.0
110-130		.6	.8	.8	1.3	1.0	.4	.6				5.5	21.2	22.0
140-160	.4	.4	1.1	2.5	1.0	.7	.1	.3	.1	.1		6.9	18.5	17.0
(S) 170-190	.1	.3	1.0	.7	1.0	.7	.3	.1				4.2	19.3	20.0
200-220	.1	.7	1.1	2.2	1.4	1.3						6.9	17.6	17.0
230-250	.6	.8	3.1	4.1	2.9	.6	.3	.4	.1			12.9	17.3	17.0
(W) 260-280	.3	1.7	2.2	2.5	1.0	.3	.3					8.3	14.9	14.0
290-310	.3	1.0	.8	2.1	.8	1.1	.3					6.5	17.2	17.0
320-340	.4	1.4	4.5	5.5	2.8	1.5	.4	.1				16.7	16.7	16.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	2.6	12.4	21.7	30.2	18.3	9.8	2.3	1.7	.2	.1		100.0	17.0	17.0

TOTAL NUMBER OF OBSERVATIONS 712



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.5	2.0	2.5	1.2	.5						8.2	14.5	15.0
020-040	.5	1.5	1.2	2.2	2.3	1.1	.2					9.0	16.5	17.5
050-070	.9	3.7	2.8	3.6	2.6	.3						13.9	13.7	14.0
(E) 080-100	.2	.8	1.1	2.5	.8	.2	.2					5.6	15.9	16.5
110-130		1.1	.8	.8	.3	.6	.3	.8	.3			4.9	21.1	19.0
140-160	.3	1.1	1.9	2.5	1.4	.8		.2				8.0	16.3	16.0
(S) 170-190	.2	.2	1.7	1.1	1.5	.2	.5					5.3	17.5	16.5
200-220	.2	.3	1.1	.5	.9	.5						3.4	16.6	16.5
230-250		1.4	4.6	4.6	2.9	.9	.5		.5			15.5	17.3	17.0
(W) 260-280	.2	2.2	1.7	1.5	.5	.2	.2	.3				6.6	14.1	13.0
290-310	.3	.2	1.4	1.1	.8	.9	.5					5.1	18.1	17.0
320-340	.2	2.3	5.1	3.9	2.0		.5					13.9	14.4	14.0
VARIABLE														
CALM	////////////////////////////////////											6	////////////////////////////////	
TOTALS	3.5	16.3	25.4	26.8	17.2	6.2	2.9	1.3	.8			100.0	15.8	16.0
TOTAL NUMBER OF OBSERVATIONS 647														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.3	1.9	2.5	1.7	.6	.3	.2				8.9	16.5	16.0
020-040	.3	1.4	2.1	2.0	1.4	.6	.3	.1				8.2	15.9	16.0
050-070	.5	2.4	3.3	3.2	1.7	.7	.2	.0				12.1	14.6	14.0
(E) 080-100	.2	.6	1.0	1.6	.6	.1	.1	.1				4.2	15.6	16.0
110-130	.1	.6	.9	.6	.8	.5	.4	.3	.2	.0		4.4	20.3	20.0
140-160	.5	1.0	1.9	2.3	1.4	.9	.5	.3	.1	.0		8.9	17.8	17.0
(S) 170-190	.1	.4	1.2	.8	1.1	.7	.5	.2	.0			4.9	19.5	19.0
200-220	.1	.2	.7	1.0	1.4	.9	.3	.2	.1			4.9	20.8	21.0
230-250	.2	1.6	3.3	4.1	2.3	.7	.4	.2	.2			12.9	16.7	16.0
(W) 260-280	.1	1.4	2.1	2.1	.8	.1	.1	.0				6.8	14.2	14.0
290-310	.3	1.3	1.6	1.6	1.4	.8	.2					7.1	16.0	16.0
320-340	.5	2.5	4.6	4.2	2.8	.7	.4	.1	.0			15.8	15.3	15.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	3.2	14.7	24.6	26.0	17.4	7.3	3.7	1.7	.6			100.0	16.3	16.0
TOTAL NUMBER OF OBSERVATIONS 5745														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.4	.9	1.4	1.0	1.4	.7	.4	.4				6.5	18.1	17.0
020-040	.3	1.0	1.2	2.4	1.8	1.1	.6	.1				8.5	18.4	19.0
050-070	.4	2.5	2.9	4.1	2.1	.9	.3	.0				13.3	15.5	16.0
(E) 080-100	.1	.2	1.1	2.4	.8	.1	.1	.1				5.0	17.5	17.0
110-130	.0	.4	.8	1.1	1.0	.7	.8	.7	.3	.0		5.7	23.4	23.0
140-160	.6	1.2	1.7	2.6	2.0	.9	.7	.5	.1			10.3	18.4	17.0
(S) 170-190	.0	.4	1.1	.7	1.1	.7	.7	.2	.0			4.9	20.6	21.0
200-220	.1	.4	.7	.9	1.5	1.4	.4	.2	.1			5.7	21.7	22.0
230-250	.2	1.2	3.4	3.4	3.0	1.1	.6	.3	.3			13.7	18.4	17.0
(W) 260-280		1.3	2.3	1.7	.7	.1	.2	.1				6.4	14.5	13.0
290-310	.1	1.2	2.0	2.0	1.5	1.1	.1					7.9	16.3	16.0
320-340	.5	1.1	3.3	3.1	2.6	.8	.6	.1	.0			12.0	16.8	17.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	2.7	11.8	21.9	25.4	19.5	9.6	5.5	2.7	.8			100.0	17.9	17.0

TOTAL NUMBER OF OBSERVATIONS 2738

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: 10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.8	3.6	4.7	4.4	2.5	.3						16.4	13.5	14.0
020-040	.5	1.5	3.4	1.4	.7	.2	.3					8.0	13.5	13.0
050-070	2.5	2.0	1.9	3.2	2.9	.5						13.1	13.6	15.0
(E) 080-100	.7	.2	2.0	.8								3.7	10.0	10.0
110-130	.3	.3	.2	.3	.5	.3	.7					2.7	19.9	22.0
140-160	1.0	1.4	1.5	2.2	1.5	.3	.3	.2	.2			8.6	15.6	17.0
(S) 170-190	.3	.5	.5	1.0	1.0							3.4	14.8	17.0
200-220	.3	1.0	1.2	1.4	.7							4.6	13.3	14.0
230-250	.7	1.7	1.9	1.9	1.4	.3	.5	.2				8.5	15.1	15.0
(W) 260-280	1.0	2.7	2.4	.7								6.8	8.8	9.0
290-310	1.0	2.5	3.1	1.7	.2	.2						8.6	11.1	10.0
320-340	.3	3.1	5.3	2.7	.5	.2						12.0	12.3	12.0
VARIABLE														
CALM	////////////////////////////////////										3.6	////////////////////////////////		
TOTALS	9.4	20.5	28.1	21.7	11.9	2.3	1.8	.4	.2			100.0	12.8	13.0

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.1	5.1	2.9	1.1	.2						12.1	13.0	12.0
020-040	.3	1.9	3.7	2.7	1.6	.3						10.5	14.1	14.0
050-070	2.7	2.5	2.5	1.6	2.5							11.9	11.5	10.0
(E) 080-100	1.0	1.1	1.3	.5	.2	.2						4.1	9.9	9.5
110-130	.3	.3	.6	.3	.8	.2	.5					3.0	18.2	19.0
140-160	.3	.8	2.1	1.3	1.6	.6	.5					7.1	16.9	17.0
(S) 170-190	1.0	2.2	.6	.3	1.0	.3						5.4	10.9	7.0
200-220	.5	1.7	1.6	1.1	1.6	.2						6.7	14.0	13.0
230-250	.2	2.1	3.2	2.7	1.1	.6	1.1	.2				11.1	16.4	15.5
(W) 260-280	.3	2.1	2.1	.2								4.6	9.2	9.0
290-310	.5	1.7	3.7	1.1	.8							7.8	12.4	12.0
320-340	.6	5.2	3.8	2.5	.8	.2	.2					13.3	11.6	10.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	8.5	23.7	30.3	17.2	13.1	2.8	2.3	.2				100.0	12.9	12.0
TOTAL NUMBER OF OBSERVATIONS 630														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	5.1	3.3	1.7							14.1	12.9	12.0
020-040	1.1	1.6	4.1	2.9	1.1	.5						11.3	13.3	14.0
050-070	1.7	2.1	1.9	3.2	2.5	.2						11.6	13.8	15.0
(E) 080-100	1.1	1.4	.5	.3								3.3	7.3	6.0
110-130	.2	.6	.2	.3	.6		.3	.5	.2			2.9	21.1	20.5
140-160	.2	1.4	1.7	1.7	1.6	.6	.3					7.6	16.4	17.0
(S) 170-190	.8	2.1	1.1	.3	.3	.2						4.8	10.0	9.0
200-220	.3	1.6	1.9	.5	1.0	.5	.3					6.0	14.6	12.5
230-250	.3	2.4	3.3	1.6	1.0	1.3	.5	.3				10.6	15.7	13.0
(W) 260-280	.5	1.3	2.5	.8								5.1	10.3	10.0
290-310	.5	2.4	2.4	1.7	.8							7.8	12.3	12.0
320-340	1.1	4.8	3.7	3.3	1.3		.2					14.3	12.3	12.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	8.8	24.7	28.4	19.9	11.9	3.3	1.6	.8	.2			100.0	13.3	12.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	3.0	4.5	5.6	2.2	.5						16.2	14.4	15.5
020-040	.2	1.9	3.7	3.3	1.9							11.0	14.2	14.0
050-070	.6	2.7	2.5	2.2	2.4	.5	.2					11.1	14.2	13.0
(E) 080-100	.6	.8	.2	.3			.2	.3				2.4	13.1	7.0
110-130	.2	.3	.6	.8	.6	.2	.3	.2	.3			3.5	20.8	19.0
140-160	.3	1.0	2.5	1.8	1.3	.8	.3					8.0	16.1	16.0
(S) 170-190	.2	.8	2.4	1.0	.2	.2	.2					4.8	13.4	12.0
200-220	.3	.3	1.9	1.1	.6	.3	.2	.3				5.1	16.8	15.0
230-250	.2	2.2	3.0	3.3	1.0	.5	.6	.2				11.0	15.5	15.0
(W) 260-280	.5	1.1	4.1	1.1	.2							7.0	11.5	11.0
290-310	.2	1.3	3.0	2.2	1.0	.2						7.8	13.6	14.0
320-340	.2	2.5	4.3	2.9	1.3	.2						11.3	13.2	13.0
VARIABLE														
CALM	////////////////////											.8	////////	
TOTALS	4.0	17.9	32.7	25.6	12.7	3.4	2.0	1.0	.3			100.0	14.4	14.0
TOTAL NUMBER OF OBSERVATIONS 628														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.5	3.2	4.8	2.2	.5						13.8	14.6	15.0
020-040	.3	1.7	3.2	4.1	2.1	.2						11.6	15.2	16.0
050-070	.3	2.2	4.0	1.6	2.9	.3	.3	.2				11.7	15.2	14.0
(E) 080-100		.2	.6	.6		.2	.5					2.1	18.9	16.0
110-130		.6	.5	.2	.3	.2	.2		.2	.3		2.4	23.4	17.0
140-160	.5	1.0	2.4	1.9	1.9	1.0	.6		.3	.2		9.7	18.6	17.0
(S) 170-190		.3	3.8	2.2	.3	.6						7.3	15.0	14.0
200-220		.2	1.6	1.4	.5	.2						3.8	15.4	15.0
230-250	.3	1.3	1.6	2.5	1.9	.6	.3	.2				8.7	17.3	17.0
(W) 260-280		1.6	4.8	2.2								8.6	12.3	13.0
290-310		1.1	3.7	2.2	1.6							8.6	14.4	14.0
320-340	.5	2.2	4.1	4.1	.5	.2						11.6	13.0	13.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	2.5	14.9	33.5	27.8	14.2	4.0	1.9	.4	.5	.5		100.0	15.3	14.0
TOTAL NUMBER OF OBSERVATIONS 630														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	1.1	5.0	5.5	1.9	.2						13.8	14.9	15.5
020-040	.8	1.8	2.2	2.7	1.8	.8						10.1	15.0	16.0
050-070	.6	2.4	3.7	2.6	1.9	.5	.5					12.2	14.5	13.5
(E) 080-100		.2	.8	.2	.8	.2	.3	.2				2.6	20.4	20.5
110-130		.2	.5	.5					.2			1.3	17.3	15.0
140-160	.3	1.3	1.4	2.2	1.3	1.4	.3	.3	.5			9.1	19.2	17.0
(S) 170-190	.3	1.6	1.1	2.4	1.1	.3	.3					7.2	15.1	16.0
200-220	.2	.5	1.8	1.4	.8		.2					4.8	14.4	14.5
230-250		.8	1.6	3.4	1.6	.3	.5	.2				8.3	17.3	17.0
(W) 260-280	.2	2.1	2.9	1.1	.3	.2						6.7	11.7	10.0
290-310	.8	1.6	5.3	2.9	1.3							11.9	12.9	13.0
320-340		1.3	4.2	4.7	1.3	.2						11.6	14.9	15.0
VARIABLE														
CALM	////////////////////////////////////										.3	////////////////////////////////		
TOTALS	3.4	14.9	30.5	29.6	14.1	4.1	2.1	.7	.7			100.0	15.1	15.0
TOTAL NUMBER OF OBSERVATIONS 623														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.6	5.4	3.1	2.3	.2						13.6	13.6	14.0
020-040	1.0	1.3	3.4	2.9	1.3	.5						10.5	13.9	14.0
050-070	1.1	3.4	2.3	2.0	1.8	1.3	.5					12.4	14.5	13.0
(E) 080-100		.3	1.1	.3	.3	.5						2.6	15.7	14.0
110-130		.5	.2	.7	.5	.2	.3	.2				2.5	19.5	19.0
140-160	1.0	2.0	2.1	1.8	1.1	.5	.2	.5	.5			9.6	16.1	13.0
(S) 170-190	.3	1.6	1.1	2.1	1.0	.3	.5					7.0	15.3	15.0
200-220		.2	.8	1.1	.7							2.8	15.6	16.0
230-250	.5	2.5	2.3	1.6	1.1	.3	.5					8.8	14.4	14.0
(W) 260-280	.3	2.3	3.1	.8	.2							6.7	10.5	10.0
290-310	1.0	2.6	2.3	2.6	.8							9.3	12.1	12.0
320-340	.3	2.6	5.7	3.3	1.0	.2						13.1	12.9	12.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	6.5	20.9	29.8	22.3	12.1	4.0	2.0	.7	.5			100.0	12.8	13.0
TOTAL NUMBER OF OBSERVATIONS 612														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.2	4.6	4.3	2.1	.3						14.2	14.0	14.0
020-040	.6	1.7	3.3	3.0	1.6	.3	.1					10.6	14.3	14.0
050-070	1.3	2.6	2.7	2.4	2.4	.5	.2	.0				12.1	14.1	14.0
(E) 080-100	.4	.5	.9	.5	.2	.2	.1	.1				2.9	13.6	12.0
110-130	.1	.4	.4	.4	.4	.1	.3	.1	.1	.1		2.5	20.6	19.0
140-160	.5	1.3	2.1	1.8	1.5	.8	.4	.1	.2	.0		8.7	17.3	16.5
(S) 170-190	.4	1.4	1.6	1.5	.7	.2	.1	.0				5.9	13.7	13.0
200-220	.2	.8	1.5	1.2	.8	.1	.1	.1				4.8	15.1	14.0
230-250	.3	1.7	2.2	2.5	1.5	.5	.6	.2				9.4	16.2	16.0
(W) 260-280	.4	1.8	3.2	1.1	.2	.0	.0					6.7	11.2	10.0
290-310	.5	1.8	3.6	2.2	.9	.1						9.1	12.8	13.0
320-340	.4	2.8	4.2	3.5	.9	.1	.0					12.0	13.0	13.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	5.9	19.0	30.3	24.4	13.2	3.2	1.9	.6	.3	.1		100.0	14.1	14.0

TOTAL NUMBER OF OBSERVATIONS 4972

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.2	4.9	4.4	2.7	.2						15.2	14.2	14.0
020-040	.5	1.8	3.5	3.7	1.6	.2	.0					11.3	14.4	14.0
050-070	.9	2.7	2.7	2.6	2.0	.9	.4	.1				12.4	14.9	14.0
(E) 080-100	.3	.4	.3	.2	.2	.3	.3	.1				2.1	17.1	15.5
110-130	.1	.0	.4	.5	.5	.1	.4	.2	.2	.1		2.4	24.7	22.0
140-160	.4	.5	1.4	1.5	1.5	.6	.5	.0				6.6	17.5	17.0
(S) 170-190	.2	.7	.7	.8	.4	.1		.0				2.8	13.6	13.5
200-220	.1	.7	1.0	.5	.4	.1	.0	.1				2.9	14.3	13.0
230-250	.3	1.3	2.6	1.8	1.0	.4	.7	.2				8.2	16.1	14.0
(W) 260-280	.3	2.0	4.0	1.6	.2							8.1	11.5	11.0
290-310	.5	2.6	4.9	3.0	1.0	.1						12.1	12.6	12.0
320-340	.2	3.1	5.0	4.8	1.2	.2	.1					14.7	13.6	14.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	4.5	18.0	31.4	25.4	12.7	3.2	2.4	.7	.2	.1		100.0	14.3	14.0

TOTAL NUMBER OF OBSERVATIONS 2548

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.2	.9									2.9	6.8	7.0
020-040	.3	1.1	.6	.3	.2							2.5	10.0	9.0
050-070	.3	2.9	4.2	.6		.2						8.2	10.4	10.0
(E) 080-100	.2	.5	.3	.3	.5				.2			1.8	15.9	15.0
110-130	.3	.5	.3	2.0	.3		.2	.3				3.9	16.5	17.0
140-160	.8	2.9	4.2	2.9	2.0	.5		.5				13.7	14.2	13.0
(S) 170-190	.6	1.1	1.4	1.5	1.5	.9						7.1	15.9	17.0
200-220	.3	.9	1.8	2.6	1.1	1.4	.2					8.3	16.9	17.0
230-250	.3	4.8	6.0	7.6	3.7	1.2	.5	.2				24.2	15.4	16.0
(W) 260-280	.2	3.4	2.6	1.2	.3							7.7	10.8	10.0
290-310	.6	3.1	2.6	2.9	.5							9.7	11.8	11.0
320-340	.9	3.4	3.4	1.2	.2							9.1	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	5.6	25.8	28.3	23.1	10.3	4.2	.9	1.0	.2			100.0	13.3	13.0
TOTAL NUMBER OF OBSERVATIONS 649														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.5	2.0									4.0	8.9	9.5
020-040	.6	1.2	.5	.3								2.6	8.2	8.0
050-070	.5	2.8	2.2	1.1	.5							6.9	10.7	10.0
(E) 080-100	.3	.6	.6	.3	.2	.3						2.3	12.5	10.0
110-130		.3	.8	1.2	.3			.2				2.8	15.8	16.0
140-160	.6	2.5	3.5	1.7	2.2	.3	.8					11.5	14.8	13.0
(S) 170-190	1.5	.9	1.4	1.5	2.2	.3	.5					8.3	15.0	16.0
200-220	.5	1.7	1.7	2.5	2.3	.9	.6					10.1	16.7	16.0
230-250	.6	4.9	7.1	7.5	3.7	.9	.6					25.3	14.6	16.0
(W) 260-280	.5	2.2	2.3	1.7								6.6	11.2	12.0
290-310	.8	1.8	4.6	2.5	.6							10.3	11.9	12.0
320-340	1.7	3.1	2.8	.9								8.4	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	8.1	23.5	29.5	21.2	12.0	2.7	2.5	.2				100.0	13.1	12.5
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.8	2.2	.6								4.8	10.2	10.0
020-040	.6	.9	1.2	.2								2.9	8.4	9.0
050-070	1.1	1.4	2.2	1.5	.3	.2						6.6	11.7	12.0
(E) 080-100	.3	.3	.6	.8	.3	.2						2.5	13.5	13.0
110-130	.2	.5	.3	1.1	.8	.3	.3					3.4	18.2	17.5
140-160	.5	2.2	4.3	1.4	.9	.8						10.0	13.5	13.0
(S) 170-190	1.1	1.7	.9	1.8	1.5	.3						7.4	13.4	15.0
200-220	.5	2.8	2.0	2.2	2.5	1.5	.3	.2				11.8	16.4	17.0
230-250	.9	5.2	8.9	7.7	1.8	1.4	.5					26.5	14.1	14.0
(W) 260-280	.6	2.2	2.3	2.0	.3							7.4	11.7	11.5
290-310	.3	2.0	2.5	1.8	.5	.2						7.2	12.1	12.0
320-340	.5	2.9	3.1	1.5	.5							8.5	11.0	10.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	6.8	23.9	30.5	22.6	9.4	4.9	1.1	.2				100.0	13.1	13.0
TOTAL NUMBER OF OBSERVATIONS 650														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: 10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	1.5	.9								3.5	11.1	11.0
020-040	.3	.9	1.5	.3								3.1	9.8	10.5
050-070	.5	1.5	2.8	1.5	.9							7.2	12.5	14.0
(E) 080-100	.6	.3	.5	.6			.5					2.5	13.6	13.5
110-130		.6	.8	1.5	.6	.6		.2				4.3	17.4	16.5
140-160	.9	2.0	3.8	3.1	.5		.6	.2				11.1	13.8	12.5
(S) 170-190	.8	1.2	.9	2.0	1.4	1.1	.2					7.5	16.0	16.0
200-220	.2	1.8	1.7	2.8	3.2		.2	.2				10.0	16.2	17.0
230-250	.8	3.4	8.4	9.5	4.9	1.2						28.3	15.3	16.0
(W) 260-280	.3	1.1	2.0	2.2	.2							5.7	12.7	13.0
290-310		1.8	2.8	1.4								6.0	11.6	12.0
320-340	.6	2.0	4.1	2.5	.5	.3						10.0	12.4	12.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////	
TOTALS	5.2	17.5	30.8	28.3	12.2	3.2	1.5	.6				100.0	14.0	14.0
TOTAL NUMBER OF OBSERVATIONS 651														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.2	2.2	1.5	.3							5.7	11.6	11.0
020-040	.2	.3	1.5	.3								2.3	11.3	12.0
050-070	.8	1.5	2.5	2.3	.3							7.4	11.9	12.5
(E) 080-100	.2	.3	.8	.6	.2		.2					2.2	14.1	14.0
110-130		.8	1.1	.8	.9	.8	.3					4.6	17.5	17.0
140-160	.3	1.8	3.4	4.0	1.4	.3	.3	.5				12.0	15.7	15.0
(S) 170-190	.6	1.7	1.5	1.8	2.8	.6	.5					9.5	16.3	18.0
200-220	.2	.6	2.6	2.6	1.4	.3	.3	.2				8.1	16.5	16.0
230-250		2.2	7.2	9.8	5.4	1.4	.5					26.4	16.7	16.5
(W) 260-280	.2	1.1	3.7	1.5	.6							7.1	13.0	13.0
290-310	.2	1.8	4.0	1.5	.8							8.3	12.0	10.5
320-340	.2	1.1	2.5	2.0	.5							6.1	13.4	14.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	3.4	14.4	33.0	28.7	14.6	3.4	2.1	.7				100.0	14.8	14.0
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.2	3.2									4.6	10.5	11.0
020-040	.5	.6	3.2	.6	.2							5.1	11.1	11.0
050-070	.5	1.4	2.5	2.3	.3							6.9	12.2	12.0
(E) 080-100	.2	.3	.3			.2	.3					1.2	17.1	12.5
110-130		.6	1.1	1.7	.3	.5	.8					4.9	18.0	17.0
140-160	.2	3.1	3.7	4.1	1.2	.9	.5					13.7	14.9	14.0
(S) 170-190	.2	.6	1.1	3.2	1.4	.6	.5	.2	.2			7.8	18.5	18.0
200-220		2.2	1.4	2.3	1.7	.3		.2				8.0	15.3	16.0
230-250		1.2	7.7	8.9	4.9	2.6	.3					25.7	17.2	17.0
(W) 260-280	.2	.8	3.5	1.7								6.1	12.3	13.0
290-310	.2	1.4	3.4	2.6	1.1	.3						8.9	14.4	14.0
320-340		1.1	3.5	1.4	.6	.2						6.8	13.5	13.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	2.2	14.5	34.6	28.8	11.7	5.6	2.4	.4	.2			100.0	15.1	14.0
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.8	1.4	.2								3.8	8.3	9.0
020-040	.2	.3	1.5	.3	.2							2.5	12.1	12.0
050-070	.3	2.0	4.5	2.0	.2							8.9	11.7	12.0
(E) 080-100		.3	.6	.3					.5			1.7	19.8	13.0
110-130	.2	.6	.6	1.2	.8							3.4	14.9	15.5
140-160	.6	2.3	4.0	2.9	1.4	1.1	.3	.3				12.9	15.2	14.0
(S) 170-190	.2	2.0	1.7	1.7	2.2	.9	1.1					9.7	17.4	18.0
200-220	.6	1.7	1.8	2.9	.9	.8	.2					8.9	14.7	15.5
230-250	.5	2.0	8.3	6.8	3.7	.8	.8					22.7	15.7	15.0
(W) 260-280	.3	1.4	2.8	1.2								5.7	11.4	11.0
290-310	.8	2.3	4.5	2.9	1.1	.2						11.7	12.7	12.0
320-340	.5	1.5	3.5	2.0	.3							7.8	11.7	10.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	4.7	18.2	35.2	24.4	10.8	3.8	2.4	.3	.5			100.0	14.1	13.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.4	2.1	.5	.0							4.4	10.1	10.0
020-040	.3	.9	1.4	.3	.1							3.1	10.2	10.0
050-070	.5	1.9	2.9	1.6	.4	.0						7.4	11.6	11.0
(E) 080-100	.2	.3	.5	.5	.2	.1	.1		.1			1.9	15.1	14.0
110-130	.1	.5	.8	1.4	.7	.3	.2	.1				4.1	17.3	17.0
140-160	.5	2.4	4.0	3.0	1.5	.6	.3	.2				12.4	14.6	14.0
(S) 170-190	.6	1.3	1.2	1.9	1.9	.7	.3	.1	.0			8.1	16.4	17.0
200-220	.3	1.5	2.0	2.5	1.9	.7	.2	.1				9.2	16.3	16.0
230-250	.4	3.2	7.4	8.5	4.3	1.4	.5	.0				25.8	15.8	16.0
(W) 260-280	.3	1.7	2.7	1.7	.2							6.6	11.9	12.0
290-310	.4	1.9	3.6	2.3	.7	.1						8.9	12.6	12.0
320-340	.5	2.0	3.0	1.6	.4	.1						7.6	11.7	11.0
VARIABLE														
CALM	////////////////////											.6	////////////////	
TOTALS	4.5	19.0	31.6	25.8	12.3	4.0	1.6	.5	.1			100.0	14.1	14.0
TOTAL NUMBER OF OBSERVATIONS 5204														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.8	2.6	.7								5.6	9.9	10.0
020-040	.4	1.0	1.8	.2								3.4	9.7	10.0
050-070	.5	2.4	2.7	2.6	.7	.1						9.0	12.5	13.0
(E) 080-100	.1	.3	.7	.8	.3	.1	.1					2.4	15.8	15.0
110-130	.1	.5	1.1	1.5	.5	.7	.2	.2				4.8	18.1	17.0
140-160	.7	2.2	3.2	1.9	1.3	.4	.2	.1				9.9	13.4	13.0
(S) 170-190	.5	1.2	.7	1.1	1.5	.4	.4	.1				5.9	16.0	17.0
200-220	.2	1.5	1.4	1.9	1.9	.6	.2	.1				7.7	16.3	17.0
230-250	.4	3.0	5.3	5.8	4.6	2.2	.6	.1				22.0	16.8	17.0
(W) 260-280	.2	1.6	2.4	2.1	.2							6.4	12.3	12.5
290-310	.4	2.1	4.1	3.4	1.0	.2						11.0	13.2	13.0
320-340	.5	2.0	4.6	2.8	.7	.1						10.8	12.7	13.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	4.5	19.6	30.6	24.8	12.7	4.8	1.7	.6				100.0	14.1	14.0

TOTAL NUMBER OF OBSERVATIONS 1901

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.1	.6		.4		.1					3.2	9.8	7.0
020-040	.3		1.0	.6	.6	.1						2.6	15.2	15.0
050-070		1.1	1.7	1.6	.7	.9	.1					6.2	16.2	15.0
(E) 080-100	.4	.9	.6	.7	.3	.1						3.0	12.4	11.0
110-130	.3	.4	.4	.3	.1	.1	.3	.4	.4			2.9	21.8	18.0
140-160	.7	1.6	1.4	3.2	1.0	.3	.3	.1				8.6	14.8	16.0
(S) 170-190	.7	.9	2.9	2.7	3.3	.3		.4				11.2	16.3	16.0
200-220	.1	1.3	1.9	3.3	2.2	1.0						9.8	16.9	17.0
230-250	.7	3.4	6.6	6.2	5.3	.6						22.8	14.8	15.0
(W) 260-280	1.1	2.0	2.7	1.0	.6							7.5	10.8	10.5
290-310	.3	1.7	3.7	3.0	1.3	.1						10.2	13.9	14.0
320-340	.7	2.7	3.6	1.1	1.0	.3	.4	.3				10.2	13.4	10.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	6.2	17.1	27.1	23.7	16.8	3.8	1.2	1.2	.4			100.0	14.4	14.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.7	.7	.3	.3							4.0	8.7	8.0
020-040	.4	.6	.9	1.4	.4							3.7	13.5	15.0
050-070	.1	.6	1.6	1.8	1.3	1.0	.3					6.7	17.8	17.0
(E) 080-100	.1	.6	.3	.1	.4			.1				1.7	14.1	100
110-130	.1		.7	.9	.1		.6		.4			2.8	21.8	16.5
140-160	.4	.7	1.7	3.8	1.7	.1		.3	.1			9.0	16.7	17.0
(S) 170-190	.7	1.8	2.3	2.8	1.7	.6						10.0	14.0	15.5
200-220	.4	2.1	2.0	2.6	3.0	.6	.3	.1	.3			11.4	17.0	17.0
230-250	.6	3.6	6.0	9.5	2.3		.1	.1				22.2	14.3	15.0
(W) 260-280	.7	2.1	1.7	2.3	.6	.1		.1				7.7	13.0	13.5
290-310	.3	1.6	3.4	2.8	1.3	.1						9.5	13.6	13.0
320-340	.4	3.1	2.7	1.4	1.0	.4	.6	.3				10.0	14.1	13.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	5.2	18.5	24.0	29.7	14.1	2.9	1.9	1.0	.8			100.0	14.6	15.0
TOTAL NUMBER OF OBSERVATIONS 703														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.4	.6		.6							3.0	10.3	9.0
020-040	.1	.6	1.4	1.1	.7							4.0	14.5	14.0
050-070	.1	2.1	1.8	1.3	1.6	1.3	.1		.1			8.5	16.2	15.0
(E) 080-100	.3	.6	.7	.3								1.8	9.5	10.0
110-130	.3		.4	.9	.4	.3		.3	.7			3.3	23.3	20.0
140-160	.9	1.1	2.1	2.8	1.7							8.7	14.0	15.0
(S) 170-190		1.6	2.6	2.0	1.3		.1					7.5	14.3	14.0
200-220	.3	1.3	3.0	2.3	3.3	.9	.3	.3	.1			11.6	17.7	17.0
230-250	1.0	3.0	8.4	6.5	3.4	.1		.1				22.6	14.0	14.0
(W) 260-280	.4	2.3	2.4	1.8	.9							7.8	12.4	12.0
290-310	.7	2.7	3.8	3.1	.6							10.9	12.0	12.0
320-340	.6	1.6	3.3	2.1	.9	.3						8.7	12.9	12.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	5.1	18.3	30.5	24.2	15.4	2.9	.5	.7	.9			100.0	14.1	14.0
TOTAL NUMBER OF OBSERVATIONS 704														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	EAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	1.1	1.0	.4							3.4	13.0	14.0
020-040	.6	.3	.4	.4	.4	.1						2.3	13.1	13.5
050-070		2.4	2.3	2.8	1.1	.1	.1	.1	.1			9.2	15.0	14.0
(E) 080-100	.1	.7	1.3	.3								2.4	10.4	10.0
110-130	.1	.1	.9	.6	1.0	.3	.4					3.4	18.8	19.0
140-160	.1	1.8	2.0	2.1	1.6	.1	.3					8.1	15.0	15.0
(S) 170-190	.3	1.1	3.5	2.6	.7	.3	.1					8.7	14.3	14.0
200-220	.3	1.3	1.8	3.0	2.7	.7	.4					10.2	17.3	17.0
230-250	1.4	3.0	7.9	7.8	2.4	.7						23.3	14.1	14.0
(W) 260-280	.4	2.3	2.8	1.4	.6							7.5	11.4	11.0
290-310	.9	2.6	4.7	2.3	1.6			.1				12.1	12.7	12.0
320-340	.7	2.0	2.7	2.6	1.0	.4						9.4	13.3	13.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	5.2	18.2	31.4	26.9	13.5	2.7	1.3	.2	.1			100.0	14.1	14.0
TOTAL NUMBER OF OBSERVATIONS 705														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.1	1.1	.7	.1	.1						3.4	12.0	13.0
020-040	.4	.6	.7	1.3	.7							3.7	13.6	15.0
050-070	.3	1.6	2.7	3.4	.7	.3	.1	.1	.3			9.5	15.5	15.0
(E) 080-100		.4	1.0	.7								2.1	13.1	13.0
110-130	.1		.7	.1	1.0	.4						2.4	19.1	22.0
140-160	.4	.6	1.3	1.6	1.3	.9	.4					6.4	17.2	17.0
(S) 170-190	.6	1.9	3.0	2.7	2.1	.4						10.7	14.5	14.0
200-220	.1	.4	4.7	2.3	3.1	1.7						12.4	17.0	16.0
230-250		2.0	6.8	7.3	4.7	1.0	.1					21.9	16.2	16.0
(W) 260-280	.1	1.9	2.6	2.4	.4							7.4	12.8	13.0
290-310	.4	3.7	3.1	3.6	.7							11.5	12.4	12.0
320-340	.4	1.6	1.6	2.4	1.7	.1						7.8	14.4	16.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	2.9	15.8	29.3	28.5	16.5	4.9	.6	.1	.3			100.0	15.0	15.0
TOTAL NUMBER OF OBSERVATIONS 702														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7	1.4	1.1	.1							4.0	11.7	12.5
020-040		.6	1.4	.6	.6							3.1	13.8	12.0
050-070	.4	1.1	3.0	1.7	1.6	.1		.1		.3		8.4	15.9	14.0
(E) 080-100	.1		.6	1.0	.1							1.9	14.9	16.0
110-130			1.3	.4	.6	.6	.1					3.0	19.0	17.0
140-160	.4	1.3	1.4	1.3	1.7	.4	.4					7.0	15.8	16.0
(S) 170-190	.1	1.6	3.3	2.1	2.6	.9	.1					10.7	16.0	16.0
200-220		.3	3.6	5.1	3.7	1.3						14.0	17.4	17.0
230-250	.1	1.3	6.6	6.7	4.9	.4						20.0	16.2	16.0
(W) 260-280	.4	2.0	2.3	3.9	1.0							9.6	13.7	15.0
290-310	.1	2.4	3.9	2.7	.6	.1						9.8	13.0	14.0
320-340	.3	.7	1.9	3.7	1.1	.4						8.1	15.7	16.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	2.5	12.1	30.7	30.3	18.6	4.2	.6	.1		.3		100.0	15.4	16.0
TOTAL NUMBER OF OBSERVATIONS 701														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7	1.4	1.1	.1							4.0	11.7	12.5
020-040	.3	.1	1.4	1.3	.3			.1	.3			3.9	16.6	15.0
050-070	.7	1.1	1.6	2.3	1.3	.1						7.1	14.2	15.0
(E) 080-100	.1	.3	.3	1.4	.6	.1	.1					3.0	16.8	16.0
110-130		.4	.3	.1		.6	.4					1.9	20.5	25.0
140-160	.1	1.6	3.1	2.7	.3	.6						8.4	13.9	13.0
(S) 170-190	.1		2.6	2.7	2.3	.9	.1					8.7	17.6	17.0
200-220	.1	.1	3.9	4.7	3.3	1.1	.3					13.6	17.6	16.0
230-250	.6	2.3	6.1	8.0	3.6	.4						21.0	15.1	16.0
(W) 260-280	.1	2.0	2.3	1.0	.7							6.1	11.9	12.0
290-310	.7	2.4	5.7	4.1	1.9	.1						15.0	13.5	14.0
320-340	.3	1.3	2.6	2.7	.3							7.1	12.9	13.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	3.7	12.3	31.3	32.1	14.7	3.9	.9	.1	.3			100.0	14.9	15.0
TOTAL NUMBER OF OBSERVATIONS 701														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	1.1	.7	.6				.1			4.0	12.8	12.0
020-040	.1	.4	.7	.6	.1	.1		.1	.1			2.4	16.7	14.0
050-070	.7	1.3	2.0	2.3	1.0	.6	.1					8.0	14.5	14.5
(E) 080-100	.1	.1	.9	.3	.1	.3						1.9	14.5	12.0
110-130		.1	.6	1.0	.4	.7	.4	.1				3.4	20.9	19.5
140-160	.6	2.1	1.3	1.4	.9	.9		.1				7.3	14.3	14.0
(S) 170-190	.4	.7	2.7	3.3	2.1	.4						9.7	15.7	16.0
200-220		1.1	3.7	4.4	2.1	1.6		.1				13.2	17.0	17.0
230-250	.6	2.9	6.9	6.7	3.0	.1						20.2	14.3	14.
(W) 260-280	1.1	1.9	2.6	1.3	.4	.1						7.4	11.1	10.0
290-310	.3	3.9	5.6	3.6	1.0							14.3	12.7	12.5
320-340	.3	2.1	1.9	2.0	1.0	.1						7.4	13.1	12.0
VARIABLE														
CALM	////////////////////											.6	////////	
TOTALS	4.6	17.6	30.0	27.6	12.7	4.9	.5	.4	.2			100.0	14.4	14.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.1	1.0	.6	.3	.0	.0		.0			3.6	11.3	11.0
020-040	.3	.4	1.0	.9	.5	.1		.0	.1			3.2	14.6	14.0
050-070	.3	1.4	2.1	2.2	1.2	.6	.1	.1	.1	.0		8.0	15.6	15.0
(E) 080-100	.2	.4	.7	.6	.2	.1	.0	.0				2.2	13.3	13.0
110-130	.1	.1	.7	.5	.5	.4	.3	.1	.2			2.9	20.7	19.0
140-160	.5	1.4	1.8	2.4	1.3	.4	.2	.1	.0			7.9	15.2	16.0
(S) 170-190	.4	1.2	2.9	2.6	2.0	.5	.1	.1				9.6	15.4	15.0
200-220	.2	1.0	3.1	3.5	2.9	1.1	.2	.1	.1			12.0	17.2	17.0
230-250	.6	2.7	6.9	7.3	3.7	.4	.0	.0				21.7	14.9	15.0
(W) 260-280	.6	2.0	2.4	1.9	.6	.0		.0				7.6	12.2	12.0
290-310	.5	2.6	4.2	3.2	1.1	.1		.0				11.7	13.0	13.0
320-340	.5	1.9	2.5	2.3	1.0	.3	.1	.1				8.6	13.7	13.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	4.7	16.2	29.3	28.0	15.3	4.0	1.0	.6	.5			100.0	14.6	14.0
TOTAL NUMBER OF OBSERVATIONS 5610														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		.4	.9	.6	.7	.5	.1	.1		.1			3.3	13.5	13.0
020-040		.2	.4	.7	1.0	.7	.1		.1	.2			3.5	17.1	16.0
050-070		.6	1.3	2.2	3.0	1.8	.9	.3	.2	.2	.1		10.6	17.7	17.0
(E) 080-100		.3	.6	.9	1.5	.5	.1		.1				3.9	14.4	16.0
110-130		.2	.1	.8	.8	.7	.6	.4	.2	.4			4.3	22.2	21.0
140-160		.4	2.7	1.8	1.9	.8	.2	.1	.2	.1			8.1	13.3	12.0
(S) 170-190		.6	.8	.7	1.5	1.4	.4	.2					5.5	16.1	17.0
200-220		.2	.5	1.8	3.2	2.7	1.2	.1	.1				9.8	18.0	18.0
230-250		.7	2.2	6.9	5.7	4.5	.2						20.3	14.9	15.0
(W) 260-280		1.2	2.2	1.9	1.5	.3							7.2	10.6	10.0
290-310		.6	3.1	4.3	3.0	1.2	.1						12.3	12.6	12.0
320-340		.5	1.9	2.5	2.7	1.6	.6	.4	.2				10.5	15.5	16.0
VARIABLE															
CALM		////////////////////////////////////											.6	////////////////////////////////	
TOTALS		5.9	16.7	25.1	26.5	16.7	4.5	1.6	1.1	1.0	.1		100.0	15.2	15.0

TOTAL NUMBER OF OBSERVATIONS 1613

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.3	1.3	1.4	1.3	.6	.4					6.8	15.7	16.0
020-040	.3	.7	1.3	.8	.4	.4	.6	.7				5.2	19.1	16.0
050-070	.8	2.4	2.2	2.0	1.4	1.0	.1	.1	.3			10.3	15.2	14.0
(E) 080-100	.6	.4	.7	1.0	.4	.3		.6	.3			4.2	18.5	16.0
110-130	.1	.4	.4	.1	.8	1.0	.3		.4	.1		3.8	24.0	24.0
140-160	.4	.8	2.4	1.0	1.3		.1	.1	.8			7.0	18.0	13.5
(S) 170-190	.8	.7	1.7	2.0	.1	.3	.6	.1				6.3	14.7	14.0
200-220	.4	.6	1.1	2.1	.8		.7	.1				5.9	17.4	17.0
230-250	.8	1.5	5.2	3.8	2.0	.3	.1	.1	.7			14.5	15.0	14.0
(W) 260-280	1.0	3.1	1.5	1.1	1.4	.3						8.4	12.0	10.5
290-310	.6	2.8	3.1	1.3	.6	.3				.1		8.7	12.2	10.0
320-340	.3	4.1	3.8	2.8	3.1	1.8	.3	.1	.3	.4		16.9	16.9	15.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	6.8	18.8	24.7	19.4	13.6	6.3	3.2	1.9	2.8	.6		100.0	15.7	14.0

TOTAL NUMBER OF OBSERVATIONS 716



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.0	.6	1.1	1.4	.7	.6	.3				5.7	19.3	21.0
020-040	.6	2.1	.7	1.4	.7	.4	.7					6.5	15.0	14.0
050-070	.8	1.8	2.4	2.2	1.4	.3	.1	.6	.3			9.9	15.8	14.0
(E) 080-100	.6	.3	2.2	.8	.7	.4	.4	.4	.6			6.4	19.5	15.5
110-130	.1				1.0	.7	.1	.3	.3			2.5	26.7	25.0
140-160	.8	.6	1.8	.7	.3	.6	.1			.4		5.3	16.2	12.5
(S) 170-190	.4	.8	.8	1.3	1.7	.1	.1					5.3	15.7	16.0
200-220		1.4	1.0	2.4	1.3	.3	.3					6.5	16.0	16.0
230-250	.8	1.9	3.9	4.6	2.9	.3	1.1	.3				15.8	16.5	16.0
(W) 260-280	.8	2.4	3.1	1.5	.3	.8	.3					9.2	12.6	11.0
290-310	.4	1.8	1.5	1.1	.4	.1	.3					5.7	13.0	13.0
320-340	.7	5.0	5.1	3.5	3.2	1.3	.3		.1	.6	.1	19.9	16.1	14.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	6.1	19.1	23.1	20.6	15.3	6.0	4.4	1.9	1.3	1.0	.1	100.0	16.0	15.0
TOTAL NUMBER OF OBSERVATIONS 720														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4	1.3	1.4	.4	.6	.7	.3	.1			5.6	18.5	17.0
020-040	.4	1.0	1.1	1.7	.6	.4	.3		.1			5.6	15.9	15.5
050-070	.6	2.4	3.1	2.1	1.1	.4	.7	.3	.4			11.0	16.1	14.0
(E) 080-100	.4	.6	.7	1.3	1.1	.7	.3	.6	.6			6.1	21.0	20.0
110-130	.1	.7	.3	.1	.4		.8	.3	.4			3.2	23.4	22.0
140-160	.7	1.1	1.9	.7	.7	.1	.3	.1		.4		6.1	16.1	12.0
(S) 170-190		.3	.4	1.3	.8	.4	.3	.3				3.8	20.2	19.0
200-220	.3	.7	1.1	1.8	1.0	.4	.6					5.8	17.0	17.5
230-250	1.5	2.1	5.7	4.3	1.1	1.1	.4	.1				16.4	14.2	13.0
(W) 260-280	1.0	2.8	2.1	2.2	1.0	.1	.1					9.3	12.1	10.0
290-310		1.8	2.1	.7	.4	.4	.3					5.7	13.7	12.0
320-340	1.0	3.8	5.1	4.7	4.0	.7	.3	.1	.1	.6		20.4	16.2	15.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	6.4	17.7	24.7	22.3	12.6	5.3	5.1	2.1	1.7	1.0		100.0	16.0	15.0

TOTAL NUMBER OF OBSERVATIONS 719

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3	1.9	1.3	1.1	1.0	.7					6.7	18.0	17.0
020-040	.4	1.0	2.2	.7	.6	.7	.1	.1	.4			6.3	16.8	14.0
050-070	.6	1.8	2.5	2.2	1.0	.4	.8	.6	.1			10.0	17.0	15.0
(E) 080-100	.1	.7	.7	.4	.4	1.3	.3	.4	.7			5.0	23.8	25.0
110-130		.1	.7	.4	.8	.1	.4	.7	.3			3.6	24.3	23.5
140-160	.6	1.4	2.6	.6	1.0	.6	.3	.1				7.1	14.6	12.0
(S) 170-190	.3	.6	1.5	1.5	.6	.1	.3	.6	.3			5.7	19.0	17.0
200-220	.1	.8	1.4	1.9	.1	.4						4.9	14.7	16.0
230-250	.6	2.5	4.3	3.6	1.4	1.3	.1	.4	.1			14.3	15.5	14.0
(W) 260-280	.4	2.2	2.8	1.7	1.5	.1	.7					9.5	14.4	13.0
290-310	.1	2.8	3.6	1.3	.4	.8		.1				9.2	12.9	11.5
320-340	.6	2.2	5.7	4.9	1.9	.4	.1	.3	.3			16.4	14.9	14.0
VARIABLE														
CALM	////////////////////											1.4	////////	
TOTALS	4.2	16.4	29.9	20.5	10.8	7.2	3.8	3.3	2.2			100.0	16.1	14.0
TOTAL NUMBER OF OBSERVATIONS 719														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.8	1.8	1.9	1.5	.6	.7	.3				7.8	18.4	17.0
020-040	.6	1.3	1.9	1.3	.8	.6	.8	.1	.1			7.5	16.6	14.5
050-070	.4	1.1	3.1	2.5	1.0	.8	.3	.6				9.7	16.5	15.0
(E) 080-100			.7	.3	.7	.8	.8	.4	.4		.1	4.3	27.8	25.0
110-130		.1	1.0	.4	.1	.4	.7	.4	.6			3.7	25.6	25.0
140-160	.1	.7	3.6	1.1	1.4	.1	.1	.1	.3			7.6	16.0	14.0
(S) 170-190		.3	1.3	1.3	.8	.3	.4	.3				4.6	18.8	17.0
200-220		.4	2.2	2.2	.3		.8		.1			6.1	17.6	16.0
230-250	.4	1.5	2.8	5.3	2.9	1.4	.3	.4				15.0	17.3	17.0
(W) 260-280	.3	1.8	4.0	1.4	1.5	.1			.1			9.3	13.9	12.0
290-310	.3	1.8	4.0	2.2	.8	.6	.3	.3				10.3	14.7	12.5
320-340		1.1	4.3	4.2	2.2	.4	.8	.1	.3			13.5	17.4	16.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	2.2	10.9	30.7	24.1	14.0	6.1	6.0	3.0	1.9		.1	100.0	17.3	16.0
TOTAL NUMBER OF OBSERVATIONS 720														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.8	1.7	1.5	1.5	.1		.3	.1			6.3	16.5	17.0
020-040	.3	1.0	1.0	1.9	.4	.3	.3	.3				5.4	15.8	16.0
050-070	1.0	1.3	2.5	3.2	1.5	1.1	.1	.1	.4			11.3	16.8	16.0
(E) 080-100	.1	.1	.3	.4	.8	.4	.1	.6			.1	3.1	24.7	22.5
110-130		.7	.3	.8	.6	.4	.7	.3	.1	.3	.4	4.6	28.2	23.0
140-160	.3	1.7	3.6	.8	.4	.3	.4					7.5	13.3	12.0
(S) 170-190		.8	1.0	1.5	.1	.1						3.6	13.8	14.5
200-220	.1	.7	1.3	1.5	.6	.6	.7	.3	.7			6.4	21.1	17.0
230-250	.1	1.4	5.0	5.3	2.8	.8	.3					15.7	15.9	15.0
(W) 260-280	.3	1.0	2.4	.3	.7	.8	.3		.1			5.8	15.9	13.5
290-310	.4	3.1	5.3	2.5	1.4	.4	.1					13.2	13.3	12.0
320-340	.3	1.9	3.5	5.2	3.9	.7	.3	.7	.1	.3		16.9	18.0	17.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	3.0	14.5	27.9	24.9	14.7	6.0	3.3	2.6	1.5	.6	.5	100.0	16.9	15.0
TOTAL NUMBER OF OBSERVATIONS 718														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.0	1.5	2.2	1.5	.3		.4	.1			7.1	17.2	17.0
020-040	.3	.6	.4	1.0	1.0	.4	.4	.3				4.3	19.1	19.0
050-070	1.0	2.2	2.6	1.9	1.5	1.3	.4	.1	.7			11.8	17.0	16.0
(E) 080-100	.1	.6	.7	.1	.1	.1	.1	.1	.1			2.2	16.6	10.0
110-130		.3	.7	.7	.7	1.0	.3	.7	.1	.4	.1	5.0	27.5	25.0
140-160		1.0	2.4	1.0	1.0		.3	.4				6.0	15.6	14.0
(S) 170-190	.1	.6	1.7	1.4	.3	.4		.1				4.6	14.7	14.0
200-220	.1	.4	.7	2.4	1.0	.6			.1			5.3	17.6	16.5
230-250	.6	3.5	3.5	5.1	1.9	.8	.1		.7			16.3	15.9	15.0
(W) 260-280	.8	1.7	1.8	1.3	1.3	.1	.1					7.1	13.0	12.0
290-310	.7	4.3	3.6	1.5	1.3							11.4	11.1	10.0
320-340	.8	4.5	3.8	3.9	2.1	1.0	.8	.1		.4		17.4	15.4	14.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	4.5	20.7	23.4	22.5	13.7	6.0	2.5	2.2	1.8	.8	.1	100.0	15.8	15.0
TOTAL NUMBER OF OBSERVATIONS 719														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	1.4	1.6	1.3	.5	.4	.2	.1			6.7	17.7	17.0
020-040	.4	1.2	1.3	1.2	.6	.5	.5	.2	.1			5.9	16.6	15.0
050-070	.6	1.8	2.5	2.4	1.3	.8	.4	.4	.3			10.5	16.5	15.0
(E) 080-100	.2	.3	.8	.6	.6	.7	.3	.4	.4		.1	4.4	22.3	21.5
110-130	.1	.3	.6	.4	.6	.5	.4	.4	.3	.2	.1	3.8	25.8	24.0
140-160	.4	1.0	2.7	.9	.9	.2	.2	.1	.1	.1		6.7	15.4	13.0
(S) 170-190	.3	.5	1.3	1.4	.6	.3	.2	.2	.0			4.9	16.6	16.0
200-220	.1	.7	1.3	1.9	.7	.3	.4	.1	.2			5.8	17.8	16.0
230-250	.7	2.0	4.2	4.7	2.2	.9	.3	.2	.2			15.5	15.9	16.0
(W) 260-280	.6	2.1	2.5	1.4	1.0	.4	.2	.0	.1			8.2	13.6	12.0
290-310	.3	2.6	3.5	1.8	.8	.4	.2	.1		.0		9.6	13.2	12.0
320-340	.5	3.0	4.4	4.1	2.9	.9	.5	.2	.2	.3	.0	17.0	16.6	15.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////////////////////////////	
TOTALS	4.5	16.3	26.5	22.4	13.5	6.4	4.0	2.5	2.0	.6	.2	100.0	16.4	15.0

TOTAL NUMBER OF OBSERVATIONS 5751

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.2	.2	1.0	1.8	1.7	1.2	.7	.5	.1			7.4	21.5	21.0
020-040		.3	.7	.9	1.1	.7	1.1	1.2	.4	.2			6.6	21.7	23.0
050-070		.2	1.2	1.5	1.9	2.0	1.5	1.1	1.1	.8			11.5	22.4	22.0
(E) 080-100		.3	.4	.5	.8	.9	.8	.7	1.1	1.0		.1	6.4	26.9	25.0
110-130			.4	.6	.4	1.1	.9	.8	.9	.8	.5	.1	6.5	30.0	25.0
140-160		.2	.8	.7	.6	.7	.4	.5	.2	.4			4.5	20.0	17.0
(S) 170-190		.4	.3	.5	1.0	.5	.4	.5	.5	.1			4.2	20.5	18.0
200-220		.1	1.0	.3	1.1	.5	.3	.5	.3	.5			4.7	21.8	19.0
230-250		.7	1.7	3.3	6.4	2.7	1.4	.6	.5	.4			17.6	17.8	17.0
(W) 260-280		.2	1.1	1.8	1.5	2.1	.5	.4		.2			7.8	17.2	17.0
290-310		.1	1.7	2.6	1.8	.5	.4	.2	.1		.1		7.5	14.8	13.5
320-340		.3	1.4	2.0	3.9	3.5	.7	.9	.5	.8	.7		14.6	21.4	19.0
VARIABLE															
CALM		////////////////////////////////////										.8	////////////////////////////////		
TOTALS		3.0	10.9	15.7	22.3	16.9	9.6	8.1	6.1	5.3	1.3	.2	100.0	20.7	19.0

TOTAL NUMBER OF OBSERVATIONS 1689



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.1	.4	1.6	1.4	.3	.1	.1	.3				4.3	16.0	14.5
020-040		.1	.3	.1	.4	.1							1.1	13.4	14.5
050-070		.1	.5	.1	.3	.5	.3	.1	.1		.1		2.3	20.4	21.0
(E) 080-100		.3	.7	.9	.5					.5	.1		3.1	18.2	12.0
110-130				.4	.7	.5	.1						1.8	18.2	17.0
140-160		.1	.7	.7	1.2	1.1	.3		.8	.9	.1		5.9	24.1	21.0
(S) 170-190		.3	.5	1.1	1.2	.5	.7	.3	.1	.7	.4		5.8	23.4	17.0
200-220		.3	1.2	1.6	3.0	.7	1.2	.5	.5	.3			9.3	19.4	17.0
230-250		.8	2.3	4.1	3.4	3.4	1.9	1.4	.8	.8			18.8	19.1	17.0
(W) 260-280		.4	1.5	2.6	1.9	3.1	.4	.4		.1			10.4	16.6	16.0
290-310		.4	2.7	2.7	4.2	3.0	.9	.8	1.1	.5			16.4	18.8	17.0
320-340		.3	4.9	4.6	5.7	1.6	1.2	.3	.5	.8	.1		20.0	16.3	15.0
VARIABLE															
CALM		////////////////////////////////////										.8	////////////////////////////////		
TOTALS		3.2	15.7	20.5	23.9	14.8	7.1	3.9	4.2	4.6	.8		100.0	18.4	17.0
TOTAL NUMBER OF OBSERVATIONS 740															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1	2.2	.8	.5	.3	.3	.3	.1			4.9	17.2	14.0
020-040		.1	.3	.3	.4	.3						1.3	18.6	18.5
050-070	.1	.9	.1	.3	.4			.3	.1	.3		2.6	20.9	16.0
(E) 080-100	.1	.5	.7	.4	.5	.3			.1			2.7	16.3	14.0
110-130	.1	.4	.3			.5	.1		.3			1.8	20.9	25.0
140-160		.8	.4	1.5	1.6	.3		.1	.4			5.1	19.9	18.0
(S) 170-190	.1	.5	.7	1.5	.4	.8	.3	.3	.1		.4	5.1	23.3	18.5
200-220	.4	.4	1.6	2.6	1.6	.8	.5	.3	.7			8.9	19.9	17.0
230-250	.5	2.6	6.3	3.1	3.0	1.9	.7	1.3	.1			19.6	17.4	16.0
(W) 260-280	.5	2.0	2.8	2.8	2.3	1.6	.4	.7				13.2	17.2	16.0
290-310		1.8	3.5	3.8	1.9	1.1	1.1	.5	.1			13.8	18.4	17.0
320-340	.1	3.2	6.9	3.4	2.6	1.3	.5	1.1	1.2			20.4	17.8	14.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	2.2	13.3	25.8	20.5	15.2	9.2	3.9	4.9	3.2	.3	.4	100.0	18.3	16.0

TOTAL NUMBER OF OBSERVATIONS 741

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.3	.8	.4	.4	.3	.7	.4	.1			3.4	22.3	21.0
020-040				.1	.7	.1	.4	.3	.1			1.8	29.1	25.0
050-070		.8	.4	.3	.4				.3			2.2	16.7	12.0
(E) 080-100		.1	1.5	.7	.1		.1	.3	.1			3.0	17.8	14.0
110-130		.3		.1				.3	.3	.4		1.3	35.4	25.0
140-160	.4	1.1	1.1	1.2	.9	.3	.4	.4				5.8	16.9	17.0
(S) 170-190	.3	.5	.8	1.1	.7	.8	.1		.7	.4		5.4	23.3	20.0
200-220	.1	.7	1.9	2.4	.8	.5	.4	.5				7.4	18.4	17.0
230-250	.8	2.4	5.1	4.2	3.9	1.2	1.1	1.1				19.8	17.5	16.0
(W) 260-280	.7	1.5	3.6	2.4	1.9	.8	.7	.7				12.3	16.8	16.0
290-310	.4	.8	3.6	3.9	2.6	1.8	1.5	.1				14.7	18.5	17.0
320-340	.5	3.2	8.1	4.0	2.3	1.6	.8	.9	.7			22.3	16.8	14.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	3.2	11.7	26.9	20.8	14.7	7.4	6.2	5.0	2.3	.8		100.0	18.2	17.0

TOTAL NUMBER OF OBSERVATIONS 741

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.9	1.2	.7	.3	.3	.4	.7	.4			5.1	20.2	16.0
020-040		.1	.5	.1	.3		.3	.3	.3			1.9	24.0	22.5
050-070		.4	.4	.3	.3		.3					1.6	17.3	15.5
(E) 080-100	.3	.1	.3	1.1		.4	.1					2.3	16.5	16.0
110-130	.3		.3	.3	.1	.1	.1	.1				1.4	18.1	17.5
140-160	.3	.8	1.8	1.1	1.5	.1	.7	.1	.3	.1		6.8	19.2	17.0
(S) 170-190	.7	.3	.5	1.6	.5	.5	.1	1.1	.4	.5		6.4	24.5	21.0
200-220	.1	.5	1.6	1.9	.9	.5	.5	.7				6.9	19.2	17.0
230-250	.3	2.2	5.1	4.5	2.6	1.8	1.6	.5	.1	.1		18.8	18.0	17.0
(W) 260-280	.9	1.8	4.1	1.9	1.8	.8	.9	.4				12.6	16.4	14.0
290-310	.1	1.4	3.1	3.0	2.7	1.8	.9	.3	.5			13.8	19.4	17.5
320-340	.3	2.3	5.5	6.1	3.5	1.8	1.5	.9				21.9	18.0	16.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	3.6	10.8	24.4	22.6	14.5	8.1	7.4	5.1	2.0	.7		100.0	18.6	17.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.7	.7	1.4	.9	.3	.5	.7	.7			5.8	23.0	20.0
020-040				.4	.8		.3	.1				1.6	24.1	22.0
050-070		.1	.5	.9	.3	.1		.4				2.4	19.6	17.0
(E) 080-100		.3	.3	.5	.9	.1						2.2	17.4	18.5
110-130		.3	.1	.4			.1					.9	15.1	15.0
140-160		.5	.5	1.8	1.9	.3	.1		.4	.3		5.8	22.0	21.0
(S) 170-190	.3	.8	.7	1.4	1.4	.3	.9	.3	.3	.4		6.6	22.8	20.0
200-220		.4	.9	2.4	2.4	.8	.9	.7	.5			9.2	22.7	21.0
230-250	.3	1.5	4.6	5.0	2.6	2.0	.9	.3				17.2	17.8	17.0
(W) 260-280	.3	1.6	3.4	2.2	2.0	1.6	.4					11.5	16.3	15.0
290-310	.3	.8	4.1	2.0	3.9	2.6	.5	.4	.8	.3		15.7	20.8	21.0
320-340	.3	1.4	3.4	5.1	5.0	2.4	1.1	.8	.1			19.6	19.5	18.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	1.5	8.4	19.2	23.5	22.1	10.5	5.7	3.7	2.8	1.0		100.0	19.6	19.0
TOTAL NUMBER OF OBSERVATIONS 739														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.8	1.2	1.1	.4	.8	.1	.5				5.0	8.9	17.0
020-040		.1	.7	.7	.8		.3	.4	.1			3.1	21.5	21.0
050-070	.1	.3	.8	.4	.3	.5						2.4	16.4	14.5
(E) 080-100		.4	.1	.1	.5	.1	.3	.1				1.8	20.1	22.0
110-130			.7	.9					.1			1.8	16.5	16.0
140-160	.1	.8	1.2	1.1	1.6	.7	.9	.5	.1	.7		7.8	23.7	21.5
(S) 170-190		.7	1.1	1.5	1.4	.7	.1	.1	.9	.3		8.8	23.6	21.0
200-220	.1	.5	1.9	2.8	1.6	.3	.8	.9	.4			9.5	20.7	18.0
230-250	.1	.9	3.9	3.6	3.6	1.2	.9	.3				14.7	18.4	17.0
(W) 260-280		.4	2.8	2.8	3.8	.7	.3	.1	.1			11.1	18.6	18.0
290-310	.3	.4	3.1	3.5	4.1	2.8	1.4	.8	1.1			17.4	22.2	22.0
320-340	.1	.8	2.4	6.5	5.1	1.8	.5	.3	.4			18.0	19.4	19.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	.8	6.1	19.9	25.0	23.2	9.6	5.6	4.0	3.2	1.0		100.0	20.2	19.0
TOTAL NUMBER OF OBSERVATIONS 740														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.1	.4	.7	1.6	.1	.4	.1				4.5	18.1	20.0
020-040	.1	.3	.5	.4	.1			.3	.5			2.3	21.9	16.0
050-070	.1	.8	.3	.1	.3	.1	.1	.1				2.0	15.1	13.0
(E) 080-100		.1	1.1	.7	.5		.1	.1	.1			2.8	18.2	16.0
110-130			.8	.9	.4		.1	.4				2.7	19.7	17.5
140-160	.1	.8	.9	1.6	.8	.8	.9	.4	.7	.3		7.5	23.2	21.0
(S) 170-190	.1	.1	1.1	1.1	.8	.4	.8	.7	.7			5.8	24.7	24.0
200-220		1.2	2.2	3.0	1.6	.7	.5	.9	.8	.1		11.1	21.2	17.0
230-250	.1	1.6	2.8	3.7	3.4	1.5	.1		.4			13.7	18.0	17.0
(W) 260-280		1.4	1.8	1.9	2.2	.7	.3	.5				8.7	18.2	17.0
290-310	.3	1.8	4.1	4.2	3.1	1.2	.9	.4	1.2			17.2	19.5	17.0
320-340		1.9	5.7	5.7	4.6	1.4	.7	.4	.5	.1		21.0	18.3	17.0
VARIABLE														
CALM	////////////////////											.7	////////	
TOTALS	.8	11.1	21.7	24.0	19.4	6.9	4.9	4.3	4.9	.5		100.0	19.4	17.0
TOTAL NUMBER OF OBSERVATIONS 738														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.9	1.2	1.2	.7			.3	.1			4.6	15.7	14.5
020-040		.1	.4	.8	.3	.1	.1	.1				2.0	18.5	16.0
050-070	.1	.4	.7	.1	.1	.1	.3					1.9	15.1	12.5
(E) 080-100		.1	.9	.5	.5	.1		.3	.4			3.0	21.3	16.0
110-130		.3	.9	1.2		.1	.3					2.8	16.4	16.0
140-160	.1	.4	1.4	1.4	1.1	.9	.3	1.4	.3			7.2	22.7	22.0
(S) 170-190	.4	.9	.7	.9	.7	.4	.7	.5	.9			6.2	22.5	21.0
200-220		.7	2.0	2.2	1.4	1.1	1.5	.8	.5	.1		10.3	22.6	20.5
230-250	.5	1.2	4.2	3.8	3.7	.8	.7	.1	.4			15.5	17.5	16.0
(W) 260-280	.1	2.2	1.8	1.6	2.7	.8	.5	.1				9.9	17.1	19.0
290-310	.3	2.8	2.0	4.5	2.6	1.5	1.5	.7	.5	.1		16.6	19.3	17.0
320-340	.4	1.9	7.5	3.8	3.4	1.1	.3	.4	.5	.1		19.4	16.8	14.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	2.0	11.9	23.7	22.0	17.2	7.0	6.2	4.7	3.6	.3		100.0	18.7	17.0

TOTAL NUMBER OF OBSERVATIONS 737



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.7	1.2	.9	.6	.3	.3	.4	.2			4.7	19.0	17.0
020-040	.0	.1	.3	.4	.4	.1	.2	.2	.1			1.9	21.8	21.0
050-070	.1	.5	.4	.3	.3	.2	.1	.1	.1	.1		2.2	17.9	16.0
(E) 080-100	.1	.3	.7	.6	.4	.1	.1	.1	.2	.0		2.6	18.2	15.0
110-130	.1	.2	.4	.6	.1	.1	.1	.1	.1	.1		1.8	19.6	17.0
140-160	.2	.7	1.0	1.4	1.3	.5	.4	.5	.4	.2		6.5	21.6	19.5
(S) 170-190	.3	.6	.8	1.3	.8	.6	.4	.4	.6	.3	.1	6.0	23.5	20.0
200-220	.1	.7	1.7	2.5	1.4	.7	.7	.7	.4	.0		9.1	20.6	17.0
230-250	.4	1.8	4.5	3.9	3.3	1.5	.9	.6	.2	.0		17.3	18.0	17.0
(W) 260-280	.4	1.5	2.9	2.2	2.5	.9	.5	.3	.0			11.2	17.1	16.0
290-310	.3	1.6	3.3	3.6	3.0	1.7	1.1	.5	.6	.1		15.7	19.7	17.0
320-340	.3	2.5	5.5	5.0	3.5	1.6	.7	.7	.5	.1		20.3	17.8	16.0
VARIABLE														
CALM	////////////////////											.7	////////	
TOTALS	2.4	11.2	22.7	22.7	17.6	8.3	5.5	4.6	3.4	.9	.1	100.0	18.9	17.0
TOTAL NUMBER OF OBSERVATIONS 5915														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.1	.4	.4	.7	.9	.2	.2	.6	.4			3.9	23.6	22.0
020-040				.2	.3	.4	.1	.5	.5	.3			2.4	28.6	25.0
050-070			.3	.4	.2	.6	.2	.1	.4	.1			2.4	22.6	23.0
(E) 080-100			.1	.4	.9	1.2	.5	.4	.4	.6			4.6	24.8	22.5
110-130		.1		.4	1.3	.2	.3	.2	.4	.4	.2		3.5	25.1	19.0
140-160			.4	.8	1.8	3.1	1.0	1.2	1.6	1.4	.6		11.9	27.5	24.0
(S) 170-190		.2	.2	.9	.9	1.1	1.0	1.0	.8	1.7	1.0	.2	9.2	31.6	25.0
200-220		.1	.1	.9	1.7	1.2	.7	1.2	1.3	1.4	.1		8.7	27.6	25.0
230-250		.1	.9	4.2	4.8	4.6	1.7	1.3	.7	.6	.1		19.0	20.2	19.0
(W) 260-280		.1	.5	1.4	2.3	2.7	.9	.7	.2				8.9	19.9	20.0
290-310		.1	1.2	1.9	1.9	2.3	2.4	1.5	.7	1.2	.2		13.5	23.6	24.0
320-340		.2	1.1	2.7	2.3	2.4	1.1	.9	.4	.5	.1		11.7	19.8	18.5
VARIABLE															
CALM		////////////////////////////////////										.4	////////////////////////////////		
TOTALS		1.0	5.2	14.6	19.1	20.7	10.1	9.2	8.0	8.6	2.3	.2	100.0	23.8	22.0

TOTAL NUMBER OF OBSERVATIONS 1386

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.7	.7	.1	1.0	.3	.4	.6	.4			5.5	20.0	19.5
020-040		.3	.3	.3	.1							1.0	13.1	11.0
050-070	.1	1.5	1.5	1.3	.1	.7	.4	.4	.1			6.3	17.5	15.0
(E) 080-100	.3	1.5	1.0	.7	1.0	.1	.7	.3	.4	.3		6.4	20.2	17.0
110-130	.3	.6	.7	.3	.9	.6	.4	.7	1.0			5.5	24.9	24.5
140-160	.1	.6	2.9	1.9	2.0	.6	.7	1.0	1.0	.4		11.4	23.0	20.0
(S) 170-190	.1	1.0	1.3	.4	1.6	.7	.3	1.3	.4			7.3	21.9	22.0
200-220	.1	.1	.3	.9	.4	.6	.7		.1			3.3	21.7	23.0
230-250	.6	1.0	1.2	2.0	2.9	1.9	.6	.1	.1			10.5	19.7	21.0
(W) 260-280	.1	1.2	1.7	2.5	2.2	.1	.6					8.4	17.0	17.0
290-310	.4	.4	1.9	2.9	3.1	.6	.4	.9				10.6	19.1	19.0
320-340	.3	3.5	5.8	4.8	3.8	1.7	1.0	.9	.1			22.0	17.2	16.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	2.5	13.4	19.3	18.1	19.1	7.9	6.2	6.2	3.6	.7		100.0	19.2	17.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										CE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.1	.7	.9	.1	.9	.3	.9	.3	.4	.1		4.8	23.3	22.0
020-040		.6	.7	.3	.1	.1	.1	.1	.3	.1		2.6	21.2	15.0
050-070	.1	.9	1.0	.4	.4	.3	.7	.6				4.5	20.0	17.0
(E) 080-100		1.2	2.5	.3	1.0	.3	1.5	.1	.9			7.7	21.3	19.0
110-130		1.2	.6	.7	.7	.4	.6	.4	.7			5.4	22.4	21.0
140-160	.1	1.2	1.6	1.0	1.7	.6	.7	.9	.3	.4		8.6	22.4	22.0
(S) 170-190		1.5	1.7	1.3	.9	.1	.6	1.2	.3			7.6	20.1	16.0
200-220	.3	.3	.6	.6	1.7	.7	.6	.1	.6	.1		5.7	23.7	23.0
230-250	.6	1.0	1.2	2.0	2.3	1.2	.7	.3				9.3	18.7	19.0
(W) 260-280	.1	.6	1.7	2.5	2.5	1.6	.4	.3				9.8	19.3	19.0
290-310	.4	1.5	1.6	3.8	2.3	1.6	.6	.7	.3			12.8	19.4	17.0
320-340	.3	3.5	3.8	4.5	1.9	2.3	1.0	1.6	.1	.1		19.2	18.5	17.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	2.0	14.2	17.9	17.5	16.4	9.5	8.4	6.6	3.9	.8		100.0	19.9	19.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.4	1.0	.7	.4		.3	.4	.6	.3		4.4	23.8	17.5
020-040		.1	.1	.3	.1			.4	.3			1.5	26.5	24.5
050-070	.4	.9	.1	.7	.7	.3	1.0	.3	.1	.1		4.8	20.7	22.0
(E) 080-100		1.9	1.5	1.0	.4	.7	.9	.3	.3	.4		7.4	20.9	17.0
110-130		1.2	.9	.9	.9	.3	.7	.9	.1			5.8	21.0	20.0
140-160		1.6	.4	.9	1.6	.9	.7	.7	.3			7.1	21.6	22.0
(S) 170-190	.1	1.0	1.0	1.2	1.0	.3	.3	.7				5.7	18.7	17.0
200-220	.3	.4	2.0	.6	1.2	.3	.7	.7	.1	.1		6.6	20.8	17.0
230-250	.1	.9	2.5	2.2	1.9	1.0	1.0	.4	.1			10.2	19.2	18.5
(W) 260-280	.9	.9	1.2	2.2	1.5	1.9	1.2	.1				9.8	19.1	19.0
290-310	.3	1.9	2.8	4.1	2.8	1.0	.9	.3	.3			14.3	18.0	17.0
320-340	.6	2.6	4.8	4.1	3.8	1.5	1.5	1.2	.3			20.2	18.1	17.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	2.8	13.8	18.3	18.9	16.3	8.2	9.2	6.4	2.5	.9		100.0	19.2	17.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.4	1.3		.4	.9	.3		.1		3.5	24.5	22.0
020-040				.1		.4	.1	.1				.9	27.8	25.0
050-070	.3	1.2	.3	.9	1.5	.4	.7	.3				5.5	19.0	20.0
(E) 080-100	.4	1.3	1.6	1.0	.7	.6	.7	.4	.9			7.7	20.4	17.0
110-130	.3	.9	1.3	.3	.9	.1	.1	.4				4.4	16.3	14.0
140-160	.6	1.7	.7	1.5	1.6	2.0	1.6	.4	.4			10.6	21.1	21.0
(S) 170-190	.3	.7	.9	.4	.9	.4	.1	.3	.3			4.4	18.7	16.5
200-220	.1	.6	1.0	1.0	.9	1.0		.1	.4			5.2	20.1	17.0
230-250	.3	2.8	2.3	2.0	3.5	.9	1.3	.6	.6			14.3	19.3	18.5
(W) 260-280	.7	1.7	.9	.6	1.5	1.2	.4	.1				7.1	16.6	17.0
290-310	.6	.4	2.6	2.9	2.3	1.9	.6	.3	.3			11.9	19.1	18.0
320-340	.6	2.9	6.6	3.8	.4	1.5	1.5	1.2	.3	.3		22.9	18.6	16.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	4.2	14.2	18.6	15.8	18.2	10.8	8.0	4.5	3.2	.4		100.0	19.0	18.0
TOTAL NUMBER OF OBSERVATIONS 687														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1		.1	.9	.7	.6	.6		.3			3.3	23.9	23.0
020-040			.7		.3	.6	.3					2.2	18.9	21.0
050-070	.4	1.0	1.0	1.0	1.6	.3	.7	.3				6.4	18.0	19.0
(E) 080-100	.3	.6	1.2	.4	.1	.3	1.6	.9	.6			6.0	24.5	25.0
110-130	.3	1.0	.7	1.2		.4	.4					4.1	15.1	14.5
140-160	.6	1.3	1.5	1.7	1.7	2.0	1.5	.4				10.8	20.0	21.5
(S) 170-190	.4	1.3	1.6	1.2	1.3	1.6	.1		.4			8.0	18.1	17.0
200-220	.1	.3	.7	.7	1.5	.6	.1			.1		4.2	20.3	21.0
230-250	.1	1.6	2.0	3.6	4.4	1.2	.6	.9	.4	.3		15.1	20.9	20.0
(W) 260-280	.3	.7	1.5	2.0	1.3	.6	.4	.1				7.0	17.4	17.0
290-310	.3	.9	3.1	2.3	2.6	.6	.6	1.0	.3	.1		11.8	19.5	18.0
320-340	1.0	1.6	4.2	5.4	3.9	.6	1.5	1.0	.4	.1		19.8	18.7	17.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	3.9	10.6	18.3	20.4	19.4	9.4	8.4	4.6	2.4	.6		100.0	19.3	18.0
TOTAL NUMBER OF OBSERVATIONS 687														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.4	.4	1.0	1.0	.4	.1	.1		.1		3.8	21.0	20.0
020-040	.4	.3	1.3	.6	.4	.3	.4	.1				3.9	16.7	14.0
050-070	.3	.6	1.7	.7	.7		.6	.3	.1			5.1	17.5	14.0
(E) 080-100	.3	.6	.9	.4	.7	.3	1.3	.6	.4			5.5	23.4	23.0
110-130	.1	.4	.4	1.9	.1	.3	.6	.3		.1		4.4	19.8	17.0
140-160	.1	1.0	2.3	1.7	1.5	2.0	1.9	1.3	.4	.1		12.5	22.8	23.0
(S) 170-190	.3	.9	2.5	.7	.9	1.2	.3		.3	.1		7.1	18.0	14.0
200-220	.1	.3	.7	1.0	.7	.6						3.5	17.2	17.0
230-250	.1	.9	1.9	4.5	4.1	1.6	1.0	.4	.9	.1		15.6	21.4	20.0
(W) 260-280	.3	1.0	1.0	1.2	1.5	.1	.6	.3				6.0	17.5	17.0
290-310	.3	.9	2.2	2.6	2.5	1.0	1.0	.3				10.8	19.1	18.0
320-340	.6	1.7	5.1	5.5	3.6	2.6	1.0	1.0	.3	.1		21.7	18.9	17.0
VARIABLE														
CALM	////////////////////											.1	////////	
TOTALS	2.9	9.0	20.4	21.8	17.7	10.4	8.8	4.7	2.4	.6		100.0	19.8	18.0
TOTAL NUMBER OF OBSERVATIONS 687														



OPERATING LOCATION "A"  
USAFETC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4		.9	.9	.9	.3	.9	.4	.4			5.1	23.0	21.0
020-040		.4	1.0	.3	.3		.4					2.5	16.4	14.0
050-070	.6	1.2	1.0	1.0	.4	.1	.6					5.0	14.1	12.0
(E) 080-100	.6	1.0	1.9	1.6	.4	.6	.4	.1	.4			7.1	17.1	16.0
110-130	.1	.1	.3	1.5	1.0	.4	.9	.3	.6			5.2	24.3	23.0
140-160	.1	.9	.7	3.6	1.6	1.3	2.2	1.2	.4	.3		12.4	23.9	22.0
(S) 170-190	.1	.7	2.2	1.0	1.0	.7	1.0	.3	.6	.1		7.9	21.2	17.0
200-220		.3	.7	.6	.9	.9	.1					3.5	19.5	21.0
230-250	.1	1.0	2.3	2.6	3.1	1.2	.6	.7	.7	.1		12.5	20.9	20.0
(W) 260-280	.7	.9	.9	1.5	1.2	.7	.1					6.0	15.6	16.0
290-310	.4		2.3	2.2	1.3	1.0	1.3	.3	.1			9.0	20.0	17.5
320-340	1.3	2.5	6.0	5.1	2.2	2.5	2.3	.6	.3			22.7	17.7	16.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	4.4	9.0	20.2	21.9	14.3	9.7	10.8	3.9	3.5	.5		100.0	19.5	17.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3	.7	.7	.6	.3	.7	.7	.4			4.7	24.0	23.0
020-040	.1	.4	.1	.1		.6	.7					2.2	21.2	25.0
050-070	.4	1.8	.7	1.9	.9		.4	.1		.1		6.4	15.8	15.5
(E) 080-100	.3	1.5	1.2	1.5	.4	.3	.3	.3	.4			6.1	17.6	15.0
110-130	.1	1.2	.3	1.0	.9	.4	1.2	.7	.3			6.1	22.3	22.5
140-160		1.3	.7	1.8	2.5	1.0	1.8	1.3	1.3	.3	.1	12.1	26.4	24.0
(S) 170-190	.3	.6	1.5	1.5	1.0	.3	1.0	1.2	.1			7.5	21.6	19.0
200-220		.6	.4	.3	.3	.6	.1	.1				2.5	18.6	18.0
230-250	.1	.7	2.0	2.6	3.9	.3	.6	.9	.6			11.8	20.9	21.0
(W) 260-280	.3	.7	2.5	2.9	1.6	.6						8.6	15.7	17.0
290-310	.3	.6	1.5	1.8	1.3	.7	.6	.7	.1			7.6	20.3	19.0
320-340	.9	4.4	5.1	5.1	3.9	.4	1.3	.7	.1			22.1	16.0	15.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	2.9	14.1	16.7	21.2	17.3	5.5	8.7	6.7	3.3	.4	.1	100.0	19.2	18.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.1	.5	.7	.7	.7	.3	.6	.4	.3	.1		4.4	22.8	22.0
020-040		.1	.3	.5	.3	.2	.3	.3	.1	.1	.0		2.1	19.5	16.0
050-070		.3	1.1	.9	1.0	.8	.3	.7	.3	.1	.0		5.5	17.7	17.0
(E) 080-100		.3	1.2	1.5	.9	.6	.4	.9	.4	.5	.1		6.8	20.6	17.0
110-130		.2	.8	.7	1.0	.7	.4	.6	.5	.3	.0		5.1	21.1	19.0
140-160		.2	1.2	1.4	1.8	1.8	1.3	1.4	.9	.5	.2	.0	10.7	22.8	23.0
(S) 170-190		.2	1.0	1.6	1.0	1.1	.7	.5	.6	.3	.0		6.9	19.9	17.0
200-220		.1	.4	.8	.7	.9	.7	.3	.1	.2	.1		4.3	20.6	21.0
230-250		.3	1.2	1.9	2.7	3.3	1.1	.8	.5	.4	.1		12.4	20.2	20.0
(W) 260-280		.4	1.0	1.4	1.9	1.6	.9	.5	.1				7.8	17.4	17.0
290-310		.4	.8	2.2	2.8	2.3	1.1	.7	.6	.2	.0		11.1	19.2	18.0
320-340		.7	2.8	5.2	4.8	3.4	1.6	1.4	1.0	.3	.1		21.3	18.0	16.0
VARIABLE															
CALM		////////////////////////////////////										1.5	////////////////////////////////		
TOTALS		3.3	12.3	18.8	19.6	17.4	9.1	8.7	5.5	3.2	.7		100.0	19.4	18.0

TOTAL NUMBER OF OBSERVATIONS 5491

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.7	.7	1.1	.8	.5	.8	.3	.3	.2		5.6	22.8	21.5
020-040	.2		.3	.2	.5	.7	.6	.3	.2	.1		3.1	25.7	25.0
050-070	.1	.8	.7	1.1	1.1	.7	1.5	.6	.1	.1		6.8	22.4	23.0
(E) 080-100	.1	.8	1.6	1.3	1.3	1.0	2.1	.6	1.2	.1		10.1	25.1	24.5
110-130	.1	.7	.7	1.1	1.0	.7	1.2	.9	.7	.1		7.1	24.8	24.0
140-160	.1	.9	1.5	1.4	2.7	2.8	2.9	1.8	.9	.6	.1	15.8	26.7	25.0
(S) 170-190	.1	.8	.8	.8	1.3	.9	.5	.8	.7	.1		6.7	24.1	23.0
200-220	.1	.1	.4	.2	1.0	.9	.3	.2	.3	.1		3.7	24.9	24.0
230-250	.3	.4	.7	2.2	2.6	1.5	.7	.7	1.1	.1		10.2	24.1	22.0
(W) 260-280	.1	.6	.4	1.0	1.0	.7	.4	.3				4.5	20.2	20.5
290-310	.1	.1	.9	1.9	1.7	1.1	1.2	.8	.4	.1		8.2	24.0	23.0
320-340	.2	1.1	2.3	3.8	3.2	2.3	1.7	1.8	.6	.2		17.3	22.8	22.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////	///
TOTALS	1.6	7.0	11.0	16.1	18.2	13.8	13.9	9.1	6.5	1.8	.1	100.0	23.9	23.0

TOTAL NUMBER OF OBSERVATIONS 1720

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 50-010	.2	.3	1.1	1.4	.9	1.2	.5	.3				5.9	20.5	19.5
020-040	.3	.8	1.2	.9	.8	.3	.3		.5			5.1	18.5	16.0
050-070	.2	.3	1.1	.9	.9	1.5	2.2	.8	.3	.8	.6	9.6	31.0	25.0
(E) 080-100		1.7	1.4	1.1	1.2	1.1	.8	.5	1.1	.2		8.9	22.8	20.0
110-130	.2	.3	.3	.5	1.1	.8	.5	1.2	1.4	.2		6.3	29.9	25.0
140-160		1.5	1.7	1.5	.8	2.2	2.6	1.5	.8	.2		12.8	24.3	25.0
(S) 170-190	.5	.3	2.2	1.8	.5	.5	.3	.6				6.6	17.1	16.0
200-220			.6	.3	.3	.5	.6	1.2	.3			3.9	28.1	25.0
230-250	.3	.8	3.1	2.0	2.2	1.4	2.6		.2			12.5	20.2	20.0
(W) 260-280	.3	1.2	1.5	1.2	2.0	.3	.8	.3	.2			7.9	18.5	18.0
290-310		.5	1.5	1.4	1.5	.6	.8	.2				6.5	19.4	18.0
320-340	1.1	2.9	2.9	3.2	1.5	.9	.2	.2	.3			13.3	14.7	12.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	3.1	10.6	18.6	16.2	13.7	11.3	12.2	6.8	5.1	1.4	.6	100.0	21.5	20.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.6	.8	1.4	1.1	.3	.3					5.4	15.5	16.0
020-040		.3	.8	1.4	1.4	.3	.2	.2	.8	.2		5.4	23.5	20.0
050-070	.3	.6	.8	1.1	.9	1.2	2.6	1.4	.5	.3	.3	10.0	27.8	25.0
(E) 080-100	.5	2.3	1.2	1.5	1.1	1.1	1.5	.2	.5	.5	.2	10.4	21.9	19.0
110-130	.2	.3	.2	.9	1.1	.8	.6	.9	1.7	.5	.3	7.4	32.5	25.0
140-160	.2	.8	1.5	1.1	1.8	2.0	1.8	1.5	1.1	.2		12.0	25.6	25.0
(S) 170-190	.3	.8	1.5	1.1	.6	.2	.6	.2	.5	.2		5.8	20.0	17.0
200-220		.3	1.7	.3		.5	.5	.3	1.1	.2		4.8	25.5	25.0
230-250	.2	.8	1.1	1.7	4.1	2.2	1.7	.3	.2			12.1	22.0	23.0
(W) 260-280	.2	.3	1.2	1.7	1.5	.3	.6	.2	.3			6.3	20.0	17.0
290-310		.3	1.5	1.2	1.4	.2	.9	.5				6.0	20.5	17.0
320-340	.9	2.3	4.0	2.6	1.7	1.2		.5				13.2	14.8	12.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	3.7	9.7	16.3	16.0	16.7	10.3	11.3	6.2	6.7	2.1	.8	100.0	22.1	21.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATON NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	1.4	.9	.9	.8	.6	.2				5.7	18.0	17.0
020-040	.3	.2	.8	1.2	1.2	.3	.2	.2	.5			4.8	20.4	18.0
050-070	.6	1.1	.9	.5	1.8	1.4	2.2	2.2	.2		.5	11.2	25.8	25.0
(E) 080-100	.6	1.4	1.8	.8	1.7	.6	2.0	1.1	.9	.9	.5	12.3	26.7	24.0
110-130			.3	.3	1.1	.9	.9	.8	1.1	.3		5.7	31.9	25.0
140-160	.2	.8	2.3	.5	2.3	1.8	2.5	1.4	.8	.2		12.6	24.8	25.0
(S) 170-190		.3	.8	1.1	.8	.2	.9	.3	.6	.3		5.2	25.6	21.0
200-220	.2		.6	.6	.8	.8	.5	.8	.2			4.3	24.5	24.5
230-250	.2	.5	2.5	2.2	3.4	1.1	.9	.2	.5			11.2	20.3	20.0
(W) 260-280	.5	.2	1.4	1.2	.8	.8	.8					5.5	18.4	17.0
290-310		.5	1.7	1.7	1.4	.5	.6	.3				6.6	18.9	17.0
320-340	.8	2.2	4.9	2.3	.3	.6	.2	.6	.2			12.0	14.5	13.0
VARIABLE														
CALM	////////////////////											2.9	////////	
TOTALS	3.7	7.8	19.4	13.3	16.5	9.8	12.3	8.1	5.0	1.7	1.0	100.0	21.8	21.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.5	.3	1.4	.5	.2	.2					3.4	15.0	16.5
020-040	.3	.9	.5	.9	1.5	.3	.2	.6				5.2	18.8	19.5
050-070	.9	2.3	1.4	1.8	2.9	2.2	1.7	.9	.9	.3	.2	15.6	22.2	23.0
(E) 080-100	.2	1.2	.9	1.1	.8	1.1	.6	1.1	.6	.9		8.5	26.4	25.0
110-130		.2	1.4	1.2	.8	.6	.9	1.4	1.2	.8		8.5	29.6	25.0
140-160		.5	1.2	1.7	2.8	2.2	2.2	.8	.9	.3		12.5	25.8	25.0
(S) 170-190			.6	.3	.8	.5	.3	.2	1.5	.2		4.3	30.4	25.0
200-220		.2	.2	.3	1.5	.8	.5	.8	.2			4.3	26.6	24.5
230-250		1.4	3.2	2.0	2.8	1.4	.8	.3	.2			12.0	18.7	17.0
(W) 260-280	.6	.9	1.2	.6	.8	.8	.8	.9				6.6	19.3	16.0
290-310	.3	.6	1.8	1.7	1.4	.8	.5		.2			7.2	17.9	17.0
320-340	.6	2.5	2.6	2.0	.8	.5	.6	.8	.3			10.6	16.4	14.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	3.4	11.2	15.3	15.0	17.4	11.4	9.3	7.8	6.0	2.5	.2	100.0	21.9	21.0
TOTAL NUMBER OF OBSERVATIONS 649														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.3	.9	.9	.2		.5				3.7	17.7	17.0
020-040	.2	.6	.6	1.2	.8		.6					4.0	17.7	17.0
050-070	.6	1.7	2.9	1.1	2.3	2.2	.9	1.4	.5		.5	14.0	21.8	21.0
(E) 080-100	1.1	.6	.9	1.4	.8	2.2	.6	.2	1.1	.5	.2	10.0	24.6	25.0
110-130		.8	1.1	.6	1.4	.5	.8	1.2	1.2	1.5		9.1	30.7	25.0
140-160	.3	.5	1.2	.6	1.8	1.4	1.2	1.4	1.4	.3		10.1	26.7	25.0
(S) 170-190	.5	.5	.6	1.2	.6	1.2	.3		.9			5.8	21.9	23.0
200-220			.2	.6	1.2	1.4	.5	.3	.8	.3		5.2	29.5	25.0
230-250		1.4	2.3	2.6	3.1	1.7	1.4	.6	.9			14.0	21.8	22.0
(W) 260-280	.2	.3	1.5	.6	.2	.6	.2	.5				4.0	18.2	14.5
290-310		1.4	1.7	2.0	.8	1.2	.3		.3			7.7	17.8	17.0
320-340	.6	3.2	2.5	2.6	1.1	.3	.5		.2			10.9	14.1	14.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	3.8	11.6	15.6	15.4	15.0	12.9	7.3	6.7	7.3	2.6	.7	100.0	21.9	21.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5	1.2	1.5	.6	.3	.2	.2				4.6	16.8	17.0
020-040	.2		.5	1.2	.5	.5	.3	.2	.2	.3	.2	3.8	26.2	22.0
050-070	.2	1.8	2.0	2.3	2.5	1.1	2.0	.2	.6	.3		12.9	21.2	20.5
(E) 080-100	.3	.6	1.8	1.8	.3	1.1	1.1	.5	.8	.9		9.2	24.7	21.0
110-130		.6	.9	.5	.6	.9	1.1	.9	1.5	.6	.2	7.8	31.1	25.0
140-160	.5	.6	.9	1.1	2.5	.9	.8	1.4	.9		.2	9.7	24.7	24.0
(S) 170-190	.3	1.1	.9	1.5	.2	.3	.5	.2	.2	.2		5.2	17.6	16.5
200-220	.2	.3	.6	.8	1.1	.5	.8	.9	.9	.5		6.5	28.3	25.0
230-250		.5	2.0	1.2	2.9	1.8	2.2	1.1	.5	.3		12.5	24.3	24.0
(W) 260-280	.2	1.4	.6	1.2	.6	.6	.6	.5	.2			5.8	19.0	17.0
290-310		1.1	1.5	2.9	2.6	.6	.5	.3	.6	.3		10.5	21.1	19.0
320-340	.6	2.2	2.5	2.3	1.5	.5	.3	.3				10.2	15.2	14.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	2.7	10.7	15.4	18.3	15.9	9.1	10.4	6.7	6.4	3.4	.6	100.0	22.3	21.0
TOTAL NUMBER OF OBSERVATIONS 650														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5	.6	1.7	1.9		.2					4.8	17.7	19.0
020-040	.2	.5	1.1	1.2	.5	.9	.2		.5			4.9	19.8	17.0
050-070	.2	.6	2.3	1.5	2.0	1.4	1.4	.2	.6	.8		11.0	23.5	23.0
(E) 080-100		1.1	1.4	1.9	.5	1.1	1.7	.6	1.2	.9	.6	11.0	29.0	25.0
110-130		.2	.3	.5	1.1	.6	1.1		1.1			4.8	28.2	25.0
140-160	.2	.9	1.9	1.1	2.3	1.2	.6	.2	1.2	.5		10.0	23.2	22.0
(S) 170-190	.2	.8	1.4	1.5	.9	.2	.6	.3				5.9	17.6	16.0
200-220		.2	.5	.5	.8	.3	.3		1.1	.2		3.7	28.5	24.5
230-250		1.9	1.9	2.3	2.9	2.0	1.7	1.2	.6			14.5	21.9	22.0
(W) 260-280		.9	1.7	1.5	1.2	.2	.8	.8	.2			7.3	19.7	17.0
290-310	.5	.9	1.2	1.9	1.7	.6	.6	.3	.3	.2		8.2	20.0	19.0
320-340	1.4	1.9	2.8	3.1	2.0	1.5	.3					13.0	15.3	15.5
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	2.7	10.4	17.1	18.7	17.8	10.0	9.5	3.6	6.8	2.6	.6	100.0	21.6	20.0
TOTAL NUMBER OF OBSERVATIONS 648														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			1.4	2.0	1.2	.9		.6	.2			6.3	20.5	19.0
020-040	.3	.8	.8	.6	.5	.6	.6		.3			4.5	18.6	17.0
050-070	.3	1.2	.6	2.0	1.8	1.1	1.5	.3		1.2	.2	10.3	25.4	23.0
(E) 080-100	.2	.5	1.4	1.7	1.2	.5	1.4	1.2	1.7	.8		10.4	28.3	25.0
110-130		.3	.5	.5	.6	.6	1.5	1.4	.5			5.8	28.2	25.0
140-160	.5	1.8	1.4	1.2	1.4	1.8	1.2	1.2	.9			11.5	22.4	24.0
(S) 170-190	.3	.6	.8	2.0	1.1	1.1	.2	.3	.2			6.5	19.0	18.0
200-220	.2		.2	.3	.5	.6	.8	.5	1.2			4.1	30.7	25.0
230-250	.2	1.2	2.8	2.6	1.8	1.4	1.7	.5	.3			12.4	20.0	18.0
(W) 260-280	.8	.6	1.1	1.4	.8	.8	.6	.5	.2	.3		6.9	20.5	19.0
290-310	.3	.8	1.2	2.2	1.8	1.1	.6					8.0	18.5	19.0
320-340	.6	2.0	2.9	2.2	2.0	1.1	.6	.2	.2			11.7	16.2	15.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	3.7	9.8	15.1	18.7	14.7	11.6	10.7	6.7	5.7	2.3	.2	100.0	21.7	21.0
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.4	.9	1.4	1.0	.5	.2	.2	.0			5.0	18.0	17.0
020-040	.2	.5	.8	1.1	.9	.4	.3	.1	.3	.1	.0	4.7	20.4	18.0
050-070	.4	1.2	1.5	1.4	1.9	1.5	1.8	.9	.4	.5	.3	11.8	24.4	24.0
(E) 080-100	.3	1.2	1.4	1.4	.9	1.1	1.2	.7	1.0	.7	.2	10.1	25.6	24.0
110-130	.0	.3	.6	.6	1.0	.7	.9	1.0	1.2	.5	.1	6.9	30.4	25.0
140-160	.2	.9	1.5	1.1	2.0	1.7	1.6	1.2	1.0	.2	.0	11.4	24.7	24.0
(S) 170-190	.3	.5	1.1	1.3	.7	.5	.5	.3	.5	.1		5.7	20.7	17.0
200-220	.1	.1	.6	.5	.8	.7	.5	.6	.7	.1		4.6	27.7	25.0
230-250	.1	1.0	2.3	2.1	2.9	1.6	1.6	.5	.4	.0		12.7	21.2	21.0
(W) 260-280	.3	.7	1.3	1.2	1.0	.5	.6	.4	.1	.0		6.3	19.3	17.0
290-310	.1	.8	1.5	1.9	1.6	.7	.6	.2	.2	.1		7.6	19.3	18.0
320-340	.8	2.4	3.1	2.5	1.4	.8	.3	.3	.1			11.8	15.1	14.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	3.1	10.0	16.6	16.5	16.1	10.7	10.1	6.4	5.9	2.3	.6	100.0	21.8	21.0
TOTAL NUMBER OF OBSERVATIONS 5200														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1	.2	.8	1.1	.5	2	.3	.1			3.2	22.9	22.0
020-040		.4	.4	1.0	.4	.4	.1		.6			3.3	22.2	19.0
050-070	.1	.3	1.2	1.2	2.0	1.8	2.7	1.5	.6	.7	.4	12.5	29.0	25.0
(E) 080-100	.1	.4	1.0	1.1	1.3	.8	1.4	1.2	1.5	1.2	.5	10.4	32.3	25.0
110-130		.2	.4	.4	1.6	1.1	1.4	2.3	2.3	1.0	.1	10.9	34.3	25.0
140-160	.1	.6	1.4	.7	2.3	2.5	3.0	2.8	2.7	.6	.1	16.8	29.9	25.0
(S) 170-190	.2	.6	.8	1.0	.8	.5	.8	.7	1.0	.3		6.7	25.7	24.5
200-220	.1	.1	.4	.6	.7	.7	.6	1.0	1.6	.4		6.2	32.1	25.0
230-250	.1	.7	1.0	1.3	1.9	1.1	1.3	.6	.4	.1		8.4	23.1	23.0
(W) 260-280	.1	.6	1.1	1.5	.8	.4	.3	.7	.3	.1		5.7	21.6	18.0
290-310	.1	.5	1.0	1.5	2.2	.6	1.0	.3	.1	.1		7.4	21.8	21.0
320-340	.4	1.6	1.7	1.9	1.1	.7	.5	.3	.1			8.3	16.9	16.0
VARIABLE														
CALM	////////////////////											.3	////////////////	
TOTALS	1.4	6.1	10.6	3.0	16.2	11.1	13.3	11.7	11.3	4.5	1.1	100.0	27.1	25.0

TOTAL NUMBER OF OBSERVATIONS 1576

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.0	1.5	1.4	.9	.3	.2	.2	.1	.0	.0	6.1	16.5	16.0
020-040	.2	.7	1.2	1.1	.8	.4	.3	.1	.1	.0	.0	4.8	16.9	16.0
050-070	.5	1.5	2.0	2.0	1.5	.8	.7	.5	.3	.2	.1	10.0	19.4	17.0
(E) 080-100	.3	.7	1.0	.9	.6	.4	.5	.4	.4	.1	.0	5.5	21.6	18.0
110-130	.1	.4	.7	.8	.7	.6	.6	.4	.4	.2	.0	4.9	24.6	23.0
140-160	.4	1.2	1.9	1.8	1.6	1.0	.8	.7	.5	.2	.0	10.1	20.9	19.0
(S) 170-190	.3	.8	1.3	1.3	1.1	.5	.4	.3	.3	.1	.0	6.3	19.3	17.0
200-220	.1	.6	1.2	1.4	1.1	.6	.4	.3	.2	.1	.0	6.1	19.9	18.0
230-250	.4	1.8	3.6	3.9	2.8	1.2	.8	.4	.3	.1	.0	15.2	17.9	17.0
(W) 260-280	.4	1.4	2.0	1.5	1.0	.5	.3	.2	.1	.0	.0	7.3	15.6	14.0
290-310	.3	1.3	2.3	2.0	1.3	.5	.3	.2	.1	.0	.0	8.4	16.6	16.0
320-340	.6	2.3	3.7	3.4	2.2	.8	.5	.3	.2	.0	.0	14.0	16.3	15.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	3.9	13.7	22.4	21.5	15.6	7.6	5.8	4.0	3.0	1.0	.1	100.0	18.2	17.0

TOTAL NUMBER OF OBSERVATIONS: 65512

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.9	1.4	1.4	1.2	.4	.3	.3	.1	.0		6.3	17.8	17.0
020-040	.2	.6	1.1	1.3	.9	.5	.4	.2	.1	.0		5.3	18.6	17.0
050-070	.4	1.4	1.8	2.2	1.9	1.2	1.1	.8	.5	.2	.1	11.6	21.6	20.0
(E) 080-100	.2	.4	.8	1.1	.9	.6	.9	.8	.7	.2	.1	6.5	26.0	24.0
110-130	.1	.3	.7	.9	.9	.8	1.0	.8	.9	.3	.0	6.7	28.1	25.0
140-160	.3	1.1	1.6	1.8	2.1	1.5	1.5	1.2	1.0	.5	.0	12.7	24.3	23.0
(S) 170-190	.2	.5	.8	.9	1.0	.6	.6	.4	.5	.2	.0	5.6	23.4	22.0
200-220	.1	.5	.8	1.1	1.0	.7	.5	.4	.4	.1	.0	5.5	22.9	21.0
230-250	.3	1.3	2.9	3.3	2.6	1.2	.8	.5	.4	.1		13.4	19.4	17.0
(W) 260-280	.2	1.0	1.8	1.5	.9	.3	.3	.2	.1	.0	.0	6.4	16.8	15.0
290-310	.2	1.2	2.1	1.9	1.5	.6	.4	.2	.2	.1		8.2	17.4	16.0
320-340	.3	1.3	2.5	2.7	1.9	.8	.6	.5	.2	.1		11.1	18.3	17.0
VARIABLE														
CALM	////////////////////											.6	////////	
TOTALS	2.8	10.5	18.3	20.1	16.6	9.2	8.4	6.3	5.1	1.8	.2	100.0	21.0	19.0

TOTAL NUMBER OF OBSERVATIONS: 21516



PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR  
1/8 THRU 4/8.....SCATTERED  
5/8 THRU 7/8.....BROKEN  
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.5
GE 20000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 18000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 16000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 14000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 12000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 10000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 9000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 8000	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 7000	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.6
GE 6000	24.7	24.9	24.9	24.9	24.9	24.9	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.5
GE 5000	24.7	24.9	24.9	24.9	24.9	24.9	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.5
GE 4500	25.2	25.4	25.4	25.4	25.4	25.4	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	26.0
GE 4000	27.1	27.3	27.3	27.3	27.3	27.3	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.9
GE 3500	29.0	29.2	29.2	29.2	29.2	29.2	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.8
GE 3000	34.8	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.7
GE 2500	40.8	41.6	42.1	42.1	42.1	42.1	42.3	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.9
GE 2000	54.5	56.0	56.9	57.1	57.7	57.7	57.9	58.2	58.2	58.7	58.9	58.9	58.9	58.9	58.9	59.2
GE 1800	56.9	58.7	59.8	60.0	60.8	60.8	60.9	61.2	61.2	61.7	61.9	61.9	61.9	61.9	61.9	62.2
GE 1500	63.2	65.2	66.3	67.0	68.7	68.7	69.2	69.7	69.7	70.5	70.7	70.7	70.7	70.7	70.7	71.0
GE 1200	65.7	68.1	70.0	71.0	73.4	73.4	74.0	74.5	74.5	75.4	75.6	75.6	75.6	75.6	75.6	75.9
GE 1000	68.6	71.5	74.5	75.8	78.9	78.9	80.2	80.7	80.7	81.8	82.3	82.3	82.3	82.3	82.3	82.6
GE 900	68.7	71.9	75.1	76.4	79.9	80.1	81.5	82.0	82.0	83.1	83.6	83.6	83.6	83.6	83.6	83.9
GE 800	69.7	73.0	76.6	78.1	82.1	82.3	83.7	84.5	84.5	85.6	86.1	86.1	86.1	86.1	86.1	86.4
GE 700	69.7	73.4	77.0	79.3	83.6	83.7	85.6	86.6	86.8	87.9	88.4	88.4	88.4	88.4	88.4	88.8
GE 600	69.7	73.4	77.4	79.6	84.8	85.0	87.2	88.5	89.0	90.1	90.6	90.6	91.1	91.1	91.1	91.5
GE 500	69.7	73.5	78.0	80.2	85.5	85.6	88.2	89.5	90.0	91.1	91.7	91.7	92.3	92.3	92.3	92.8
GE 400	69.7	73.5	78.0	80.7	86.4	86.6	89.2	90.4	90.9	92.0	92.7	92.7	93.9	94.4	94.4	95.1
GE 300	69.7	73.5	78.0	80.7	86.6	86.8	89.6	90.9	91.4	92.5	93.1	93.1	95.1	95.7	96.5	97.4
GE 200	69.7	73.5	78.0	80.7	86.6	86.8	89.6	90.9	91.4	92.7	93.3	93.3	95.5	96.3	97.1	98.2
GE 100	69.7	73.5	78.0	80.7	86.6	86.8	89.6	90.9	91.4	92.7	93.3	93.3	95.5	96.3	97.9	99.4
GE 000	69.7	73.5	78.0	80.7	86.6	86.8	89.6	90.9	91.4	92.7	93.3	93.3	95.9	96.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 627

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.2	22.2	22.2	22.2	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	23.0
GE 20000	22.4	22.4	22.4	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.2
GE 18000	22.4	22.4	22.4	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.2
GE 16000	22.4	22.4	22.4	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.2
GE 14000	22.4	22.4	22.4	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.2
GE 12000	22.6	22.6	22.6	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.3
GE 10000	22.6	22.6	22.6	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.3
GE 9000	22.6	22.6	22.6	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.3
GE 8000	22.6	22.6	22.6	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.3
GE 7000	23.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.8
GE 6000	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.4
GE 5000	25.2	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	26.0
GE 4500	25.7	25.7	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.7
GE 4000	26.8	26.8	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.8
GE 3500	28.4	28.5	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.5
GE 3000	33.3	33.4	33.6	33.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.5
GE 2500	39.1	39.3	39.4	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.4
GE 2000	56.6	56.9	57.4	57.7	58.4	58.4	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.8
GE 1800	60.1	60.4	61.2	61.7	62.5	62.5	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.9
GE 1500	66.6	67.2	68.5	69.1	70.2	70.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	72.1
GE 1200	68.9	69.6	71.0	71.9	73.0	73.0	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	75.2
GE 1000	71.6	72.4	74.9	76.8	78.1	78.1	80.9	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.5	82.0
GE 900	73.0	73.8	76.7	79.0	81.1	81.1	84.1	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	85.2
GE 800	73.7	74.4	77.9	80.6	83.8	83.8	87.5	88.2	88.2	88.5	88.5	88.5	88.6	88.6	88.6	89.1
GE 700	73.7	74.6	78.4	81.1	84.5	84.5	88.5	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.9
GE 600	73.7	74.6	78.9	81.7	85.3	85.3	89.4	90.9	90.9	91.5	91.5	91.5	91.6	91.6	91.6	92.1
GE 500	73.7	74.8	79.7	82.5	86.3	86.3	90.9	92.3	92.3	93.2	93.2	93.2	93.8	93.8	93.8	94.5
GE 400	73.7	74.8	79.7	83.0	86.9	86.9	91.8	93.2	93.2	94.3	94.5	94.5	95.6	96.1	96.1	96.7
GE 300	73.7	74.8	79.7	83.0	86.9	86.9	91.8	93.2	93.2	94.6	94.8	94.8	95.9	96.5	97.3	97.9
GE 200	73.7	74.8	79.7	83.0	87.2	87.2	92.1	93.5	93.5	95.1	95.3	95.3	97.0	97.6	98.4	99.1
GE 100	73.7	74.8	79.7	83.0	87.2	87.2	92.1	93.5	93.5	95.1	95.3	95.3	97.2	97.8	98.6	99.2
GE 000	73.7	74.8	79.7	83.0	87.2	87.2	92.1	93.5	93.5	95.1	95.3	95.3	97.2	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.9	21.9	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.9	22.9	22.9	22.9
GE 20000	21.9	21.9	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.9	22.9	22.9	22.9
GE 18000	21.9	21.9	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.9	22.9	22.9	22.9
GE 16000	21.9	21.9	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.9	22.9	22.9	22.9
GE 14000	22.2	22.2	22.4	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2
GE 12000	22.2	22.2	22.4	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2
GE 10000	22.4	22.4	22.5	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3
GE 9000	22.4	22.4	22.5	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3
GE 8000	22.7	22.7	22.9	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7
GE 7000	22.9	22.9	23.0	23.5	23.5	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.8	23.8
GE 6000	23.7	23.7	23.8	24.3	24.3	24.3	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
GE 5000	24.3	24.3	24.4	24.9	24.9	24.9	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6
GE 4500	24.6	24.6	24.8	25.2	25.2	25.2	25.7	25.7	25.7	25.7	25.7	25.7	25.9	25.9	25.9	25.9
GE 4000	25.6	25.6	25.7	26.2	26.2	26.2	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8
GE 3500	28.3	28.3	28.4	28.9	29.0	29.0	29.5	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7
GE 3000	32.9	32.9	33.3	34.0	34.6	34.6	35.1	35.1	35.1	35.2	35.2	35.2	35.4	35.4	35.4	35.4
GE 2500	38.1	38.4	38.9	39.7	40.3	40.3	40.8	40.8	40.8	41.0	41.0	41.0	41.1	41.1	41.1	41.1
GE 2000	54.1	55.4	56.2	57.3	58.1	58.1	59.2	59.4	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7
GE 1800	56.2	57.5	58.3	59.4	60.3	60.3	61.6	61.7	61.7	61.9	61.9	61.9	62.2	62.2	62.2	62.2
GE 1500	62.5	64.0	65.6	66.8	68.6	68.6	70.3	70.6	70.6	70.8	70.8	70.8	71.1	71.1	71.1	71.1
GE 1200	66.3	68.4	70.3	72.2	74.8	74.8	76.5	76.8	76.8	77.1	77.1	77.1	77.5	77.5	77.5	77.5
GE 1000	69.8	72.2	74.6	77.1	81.0	81.0	83.2	83.7	83.7	84.3	84.3	84.3	84.6	84.6	84.6	84.6
GE 900	70.8	73.3	75.9	78.6	83.0	83.0	85.4	85.9	85.9	86.5	86.5	86.5	86.8	86.8	86.8	86.8
GE 800	71.4	74.3	77.0	80.2	85.2	85.2	87.6	88.1	88.1	88.9	89.0	89.0	89.4	89.4	89.4	89.4
GE 700	71.4	74.3	77.1	80.6	86.0	86.0	88.7	89.5	89.5	90.3	90.5	90.5	90.8	90.8	90.8	90.8
GE 600	71.4	74.3	77.1	81.1	87.0	87.0	89.7	90.5	90.5	91.6	91.7	91.7	92.1	92.1	92.1	92.1
GE 500	71.4	74.4	77.5	81.6	88.3	88.3	91.6	92.4	92.4	93.5	93.7	93.7	94.0	94.0	94.0	94.1
GE 400	71.4	74.4	77.5	81.6	88.4	88.4	92.2	93.0	93.0	94.3	94.4	94.4	95.6	95.6	95.6	95.7
GE 300	71.4	74.4	77.5	81.6	88.4	88.4	92.7	93.5	93.5	94.8	95.4	95.4	96.5	96.7	97.1	97.3
GE 200	71.4	74.4	77.5	81.6	88.9	88.9	93.2	94.0	94.0	95.9	96.5	96.5	97.9	98.1	98.7	98.9
GE 100	71.4	74.4	77.5	81.6	88.9	88.9	93.2	94.0	94.0	95.9	96.7	96.7	98.3	98.4	99.2	99.4
GE 000	71.4	74.4	77.5	81.6	88.9	88.9	93.2	94.0	94.0	95.9	96.7	96.7	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.3	12.4	12.6	12.6	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.2	13.5
GE 20000	12.3	12.4	12.6	12.6	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.2	13.5
GE 18000	12.3	12.4	12.6	12.6	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.2	13.5
GE 16000	12.3	12.4	12.8	12.8	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.4	13.4	13.7
GE 14000	12.3	12.4	12.8	12.8	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.4	13.4	13.7
GE 12000	12.3	12.4	12.8	12.8	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.4	13.4	13.7
GE 10000	12.6	12.8	13.1	13.1	13.2	13.2	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.7	13.7	14.0
GE 9000	12.9	13.1	13.4	13.4	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	14.0	14.0	14.3
GE 8000	13.4	13.5	13.8	13.8	14.0	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.5	14.5	14.8
GE 7000	13.7	13.8	14.2	14.2	14.3	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.8	14.8	15.1
GE 6000	15.1	15.2	15.6	15.6	15.7	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.2	16.2	16.5
GE 5000	15.4	15.6	15.9	15.9	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.5	16.5	16.8
GE 4500	16.0	16.2	16.5	16.5	16.6	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.1	17.1	17.4
GE 4000	16.6	16.8	17.1	17.1	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.7	17.7	18.0
GE 3500	19.0	19.1	19.4	19.4	19.6	19.6	19.8	19.8	19.8	19.8	19.9	19.9	19.9	20.2	20.2	20.5
GE 3000	24.9	25.2	25.5	25.5	25.8	25.8	26.0	26.0	26.0	26.0	26.1	26.1	26.1	26.4	26.4	26.7
GE 2500	33.1	33.7	34.5	34.5	34.8	34.8	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.5	35.5	35.8
GE 2000	47.9	48.8	50.4	50.5	51.2	51.2	51.6	52.1	52.1	52.1	52.3	52.3	52.4	52.7	52.7	53.0
GE 1800	50.2	51.3	52.9	53.0	53.7	53.8	54.3	54.7	54.7	54.7	54.9	54.9	55.1	55.4	55.4	55.7
GE 1500	56.6	57.9	59.9	60.3	61.3	61.4	61.9	62.4	62.5	62.8	63.1	63.1	63.5	63.8	63.8	64.1
GE 1200	60.7	62.5	64.9	65.6	67.0	67.2	68.0	68.4	68.6	69.1	69.4	69.4	69.8	70.1	70.1	70.5
GE 1000	65.3	68.1	71.5	73.1	75.4	75.7	76.8	77.3	77.4	78.2	78.5	78.5	79.0	79.5	79.6	79.9
GE 900	65.8	69.2	72.8	75.4	78.4	78.7	79.9	80.4	80.6	81.3	81.6	81.6	82.1	82.6	82.7	83.0
GE 800	67.0	70.6	74.2	77.1	81.0	81.5	83.2	83.7	83.8	84.6	85.2	85.2	86.0	86.5	86.6	86.9
GE 700	67.3	71.1	74.8	77.8	82.1	82.6	84.3	84.8	84.9	85.8	86.5	86.5	87.2	87.7	88.0	88.3
GE 600	67.7	71.4	75.4	78.4	83.4	83.8	85.7	86.9	87.1	88.2	88.8	88.8	89.6	90.0	90.4	90.7
GE 500	67.7	71.4	75.4	78.5	83.7	84.1	86.0	87.4	87.6	88.6	89.3	89.3	90.5	91.1	91.4	91.8
GE 400	67.8	71.5	76.0	79.3	84.4	84.9	87.4	88.8	89.0	90.0	91.0	91.0	92.2	93.2	93.8	94.4
GE 300	67.8	71.5	76.0	79.3	84.4	84.9	87.4	88.8	89.0	90.7	91.6	91.6	93.0	94.1	94.7	95.3
GE 200	67.8	71.5	76.0	79.3	84.4	84.9	87.4	88.8	89.0	90.7	91.8	91.8	93.2	94.2	95.0	95.6
GE 100	67.8	71.5	76.0	79.3	84.4	84.9	87.4	88.8	89.0	90.8	91.9	91.9	93.3	94.4	95.6	98.3
GE 000	67.8	71.5	76.0	79.3	84.4	84.9	87.4	88.8	89.0	90.8	91.9	91.9	93.3	94.4	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 20000	10.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 18000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 16000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 14000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 12000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 10000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 9000	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 8000	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 7000	12.6	12.6	12.8	12.8	12.8	12.8	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 6000	15.7	15.7	15.9	15.9	15.9	15.9	16.0	16.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 5000	16.0	16.0	16.2	16.2	16.2	16.2	16.4	16.5	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 4500	16.4	16.4	16.5	16.5	16.5	16.5	16.7	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 4000	17.1	17.1	17.3	17.3	17.3	17.3	17.4	17.6	17.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 3500	20.7	20.7	21.0	21.0	21.0	21.0	21.2	21.3	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3000	26.9	26.9	27.3	27.3	27.3	27.3	27.4	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 2500	35.0	35.0	35.5	35.5	35.7	35.7	35.8	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 2000	52.0	52.5	53.3	54.0	54.5	54.5	54.8	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 1800	54.0	54.5	55.3	56.1	56.5	56.5	56.9	57.2	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 1500	59.8	60.4	61.5	62.8	63.6	63.6	63.9	64.3	64.3	64.8	65.0	65.0	65.1	65.1	65.1	65.1
GE 1200	63.1	63.7	64.8	66.8	67.9	67.9	68.4	68.8	68.8	69.3	69.5	69.5	69.6	69.6	69.6	69.6
GE 1000	67.3	68.8	71.0	73.4	74.5	74.5	75.5	76.2	76.2	76.6	76.8	76.8	76.9	76.9	76.9	76.9
GE 900	68.2	70.2	72.6	74.9	76.0	76.2	77.4	78.0	78.0	78.7	78.8	78.8	79.0	79.0	79.0	79.0
GE 800	68.5	70.6	73.5	76.3	79.0	79.3	81.0	81.8	81.8	82.7	82.9	82.9	83.2	83.2	83.2	83.2
GE 700	68.5	70.6	74.0	76.9	80.1	80.7	82.9	83.6	83.6	84.7	84.9	84.9	85.2	85.2	85.4	GE
600	68.7	70.7	74.1	77.1	80.8	81.8	84.7	86.3	86.3	87.7	88.2	88.2	88.6	88.6	88.8	88.8
GE 500	68.7	70.7	74.1	77.1	80.8	81.8	84.9	86.6	86.6	88.5	88.9	88.9	90.2	90.2	90.3	90.3
GE 400	68.7	70.7	74.3	77.4	81.6	82.6	85.8	87.5	87.5	89.9	90.3	90.3	91.7	91.7	91.9	92.1
GE 300	68.7	70.9	74.5	77.6	81.9	82.9	86.6	88.3	88.3	91.1	91.7	91.7	93.1	93.5	94.2	94.4
GE 200	68.7	70.9	74.5	77.6	81.9	82.9	86.6	88.3	88.3	91.4	92.2	92.2	93.9	94.7	96.0	96.3
GE 100	68.7	70.9	74.5	77.6	81.9	82.9	86.6	88.3	88.3	91.6	92.7	92.7	94.4	96.1	97.4	98.8
GE 000	68.7	70.9	74.5	77.6	81.9	82.9	86.6	88.3	88.3	91.6	92.7	92.7	94.4	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 642



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3
GE 20000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.8
GE 18000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.8
GE 16000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 14000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 12000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 10000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 9000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 8000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
GE 7000	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.4	11.4
GE 6000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7
GE 5000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7
GE 4500	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.5	14.5
GE 4000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.9	15.9
GE 3500	19.3	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.6	19.6
GE 3000	26.0	26.0	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6
GE 2500	34.0	34.1	34.7	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.2	35.2	35.2	35.2	35.4	35.4
GE 2000	48.9	49.7	50.5	50.6	50.9	51.1	51.4	51.4	51.4	51.6	51.7	51.7	51.7	51.7	52.0	52.0
GE 1800	52.0	52.8	53.6	53.9	54.2	54.4	54.8	55.0	55.0	55.1	55.3	55.3	55.3	55.3	55.6	55.6
GE 1500	58.6	60.3	61.8	62.6	63.1	63.2	63.9	64.2	64.2	64.5	64.6	64.6	64.6	64.8	65.1	65.1
GE 1200	62.5	64.5	66.8	67.8	68.4	68.5	69.3	69.6	69.6	70.1	70.2	70.2	70.2	70.4	70.7	70.7
GE 1000	66.0	68.7	72.1	73.2	74.6	74.9	76.0	76.6	76.6	77.3	77.4	77.4	77.4	77.6	77.9	77.9
GE 900	66.4	69.0	72.4	73.8	75.9	76.2	77.3	77.9	77.9	78.7	78.8	78.8	78.8	79.0	79.3	79.3
GE 800	67.1	70.1	74.3	76.3	79.3	79.6	81.3	82.2	82.2	83.3	83.5	83.5	83.5	83.8	84.1	84.1
GE 700	67.1	70.1	75.2	77.9	80.8	81.3	84.0	85.4	85.4	86.8	86.9	86.9	86.9	87.2	87.5	87.5
GE 600	67.3	70.2	75.7	78.5	81.6	82.2	84.9	86.6	86.8	88.2	88.5	88.5	88.8	89.1	89.4	89.4
GE 500	67.6	70.6	76.2	79.1	82.4	83.2	86.0	87.9	88.0	89.9	90.2	90.3	91.0	91.3	91.7	92.1
GE 400	67.8	70.7	76.3	79.3	82.6	83.3	86.4	88.3	88.5	90.7	91.0	91.1	91.7	92.1	92.5	93.0
GE 300	67.8	70.7	76.3	79.3	82.6	83.3	86.6	88.6	88.8	91.1	91.9	92.1	92.7	93.3	93.8	94.7
GE 200	67.8	70.7	76.3	79.3	82.6	83.3	86.6	88.6	88.8	91.3	92.2	92.4	93.1	93.8	94.2	95.5
GE 100	67.8	70.7	76.3	79.3	82.6	83.3	86.6	88.6	88.8	91.7	92.7	92.8	94.4	96.3	96.9	98.8
GE 000	67.8	70.7	76.3	79.3	82.6	83.3	86.6	88.6	88.8	91.7	92.7	92.8	94.4	96.3	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.9
GE 20000	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.9
GE 18000	12.7	12.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.1
GE 16000	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.7
GE 14000	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.7
GE 12000	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.7
GE 10000	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.7
GE 9000	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.7
GE 8000	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.8
GE 7000	14.6	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9
GE 6000	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.7
GE 5000	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.0
GE 4500	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.0
GE 4000	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.2
GE 3500	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1
GE 3000	26.3	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.9
GE 2500	34.4	34.9	35.2	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8
GE 2000	45.6	46.4	46.9	47.3	47.8	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.3
GE 1800	46.4	47.5	48.0	48.4	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.4
GE 1500	53.5	54.9	56.0	56.4	57.4	57.4	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.8
GE 1200	58.2	59.6	61.2	61.8	63.2	63.2	64.6	64.6	64.6	65.	65.1	65.1	65.1	65.1	65.1	65.3
GE 1000	62.4	64.5	67.1	68.4	70.3	70.4	72.0	72.3	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73.3
GE 900	63.4	65.4	68.2	69.7	71.9	72.0	73.7	74.1	74.1	74.5	74.8	74.8	74.8	74.8	74.8	75.0
GE 800	64.2	66.4	70.3	72.2	75.9	76.1	78.5	78.9	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.9
GE 700	64.2	66.4	70.8	73.6	78.5	78.6	82.4	83.2	83.2	83.8	84.1	84.1	84.1	84.1	84.1	84.3
GE 600	64.2	66.4	71.1	74.4	81.1	81.3	86.5	87.3	87.3	88.1	88.5	88.5	88.8	88.8	88.8	89.0
GE 500	64.2	66.4	71.1	74.4	82.1	82.2	87.9	88.7	88.7	90.1	90.7	90.7	91.0	91.0	91.0	91.2
GE 400	64.2	66.4	71.1	74.5	82.2	82.4	88.1	89.0	89.0	90.4	91.2	91.2	91.7	91.8	91.8	92.0
GE 300	64.2	66.4	71.1	74.5	82.5	82.7	88.4	89.3	89.5	91.2	92.1	92.1	92.9	93.2	94.0	95.0
GE 200	64.2	66.4	71.1	74.5	82.5	82.7	88.7	89.6	89.9	92.3	93.2	93.2	94.2	94.5	95.3	97.0
GE 100	64.2	66.4	71.1	74.5	82.5	82.7	88.7	89.6	89.9	92.9	94.0	94.0	95.3	95.6	96.5	98.7
GE 000	64.2	66.4	71.1	74.5	82.5	82.7	88.7	89.6	89.9	92.9	94.0	94.0	95.3	95.6	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.6	20.6	20.6	20.6	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.1
GE 20000	20.9	20.9	20.9	20.9	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.4
GE 18000	20.9	20.9	20.9	20.9	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.4
GE 16000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 14000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 12000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 10000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 9000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 8000	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.0
GE 7000	22.0	22.0	22.0	22.0	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.8
GE 6000	23.9	23.9	23.9	23.9	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.7
GE 5000	24.2	24.2	24.2	24.2	24.4	24.4	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	25.0
GE 4500	24.6	24.6	24.6	24.6	24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.4
GE 4000	25.7	25.7	25.7	25.7	25.8	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.5
GE 3500	28.1	28.1	28.1	28.1	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.8
GE 3000	33.0	33.0	33.0	33.0	33.3	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.1
GE 2500	41.0	41.5	41.5	41.7	42.0	42.0	42.6	42.6	42.6	42.6	42.6	42.6	42.9	42.9	42.9	43.3
GE 2000	50.9	51.5	52.0	52.1	53.2	53.2	53.9	54.0	54.0	54.0	54.0	54.0	54.4	54.4	54.4	54.7
GE 1800	52.9	53.6	54.0	54.4	55.5	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.9
GE 1500	58.5	59.6	60.4	61.6	63.2	63.4	64.7	64.8	64.8	64.8	64.8	65.0	65.3	65.3	65.3	65.6
GE 1200	61.6	63.4	64.7	66.6	68.8	68.9	70.5	70.7	70.7	71.0	71.0	71.2	71.5	71.5	71.5	71.8
GE 1000	64.8	67.0	68.9	72.3	75.1	75.3	77.0	77.2	77.2	77.5	77.7	77.8	78.1	78.1	78.1	78.4
GE 900	65.3	68.0	70.0	73.5	76.5	76.7	78.4	78.6	78.6	78.9	79.1	79.2	79.6	79.6	79.6	79.9
GE 800	67.4	69.7	72.1	76.1	80.0	80.2	82.6	82.7	82.7	83.4	83.5	83.7	84.0	84.0	84.0	84.3
GE 700	67.4	69.9	72.3	76.9	82.6	82.7	86.1	86.5	86.5	87.3	87.5	87.6	88.0	88.0	88.0	88.3
GE 600	67.4	69.9	72.3	77.0	83.4	83.5	87.3	87.8	88.1	89.1	89.2	89.4	89.7	89.9	89.9	90.2
GE 500	67.5	70.0	72.4	77.2	84.0	84.2	88.4	89.1	89.4	90.5	90.6	90.8	91.6	91.9	91.9	92.4
GE 400	67.5	70.0	72.4	77.3	84.6	84.8	89.2	89.9	90.2	91.8	91.9	92.1	93.7	94.0	94.0	94.5
GE 300	67.5	70.0	72.4	77.3	84.9	85.1	90.2	90.8	91.1	93.2	93.5	93.7	95.2	96.2	97.0	97.9
GE 200	67.5	70.0	72.4	77.3	84.9	85.1	90.5	91.1	91.4	93.5	93.8	94.0	95.6	96.7	97.6	98.6
GE 100	67.5	70.0	72.4	77.3	84.9	85.1	90.5	91.1	91.4	93.5	94.0	94.1	95.7	96.8	98.3	99.2
GE 000	67.5	70.0	72.4	77.3	84.9	85.1	90.5	91.1	91.4	93.5	94.0	94.1	95.7	96.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 631

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.3	16.4	16.4	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.9
GE 20000	16.6	16.6	16.7	16.7	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.1
GE 18000	16.6	16.6	16.7	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.2
GE 16000	16.8	16.8	16.9	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.4
GE 14000	16.8	16.9	17.0	17.0	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.4
GE 12000	16.8	16.9	17.0	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.5
GE 10000	16.9	16.9	17.0	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.5
GE 9000	16.9	17.0	17.1	17.1	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.6
GE 8000	17.1	17.1	17.2	17.3	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.8
GE 7000	17.8	17.9	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.5
GE 6000	19.7	19.7	19.8	19.9	19.9	19.9	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.4
GE 5000	20.0	20.0	20.1	20.2	20.3	20.3	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.7
GE 4500	20.4	20.4	20.6	20.6	20.7	20.7	20.8	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.2
GE 4000	21.5	21.6	21.7	21.8	21.8	21.8	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.3
GE 3500	24.0	24.1	24.2	24.3	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.7	24.7	24.9
GE 3000	29.7	29.8	30.1	30.2	30.4	30.4	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.9
GE 2500	36.9	37.	37.7	37.9	38.2	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.6	38.6	38.6	38.8
GE 2000	51.3	52.1	52.9	53.3	54.0	54.0	54.5	54.7	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.2
GE 1800	53.6	54.5	55.4	55.8	56.5	56.6	57.1	57.3	57.3	57.5	57.5	57.5	57.6	57.7	57.7	57.9
GE 1500	59.9	61.2	62.5	63.3	64.5	64.5	65.4	65.7	65.7	66.0	66.1	66.2	66.3	66.4	66.4	66.6
GE 1200	63.4	65.0	66.7	67.9	69.5	69.6	70.7	71.0	71.0	71.5	71.6	71.6	71.7	71.7	71.8	72.0
GE 1000	67.0	69.1	71.8	73.7	76.0	76.1	77.7	78.1	78.2	78.7	78.9	78.9	79.1	79.2	79.3	79.4
GE 900	67.7	70.1	73.0	75.2	77.8	77.8	79.7	80.1	80.2	80.8	81.0	81.0	81.2	81.2	81.3	81.5
GE 800	68.6	71.1	74.5	77.1	80.8	81.0	83.2	83.8	83.8	84.5	84.8	84.8	85.1	85.2	85.2	85.4
GE 700	68.7	71.3	74.9	78.0	82.3	82.5	85.3	86.2	86.2	87.1	87.4	87.4	87.6	87.7	87.8	88.0
GE 600	68.7	71.3	75.2	78.5	83.4	83.7	86.9	88.1	88.2	89.3	89.6	89.6	90.0	90.1	90.2	90.5
GE 500	68.8	71.5	75.5	78.8	84.1	84.4	88.0	89.2	89.3	90.7	91.0	91.1	91.8	92.0	92.1	92.4
GE 400	68.8	71.5	75.7	79.1	84.6	85.0	88.8	90.0	90.1	91.7	92.1	92.2	93.3	93.6	93.7	94.2
GE 300	68.8	71.5	75.7	79.2	84.8	85.1	89.1	90.4	90.6	92.4	93.0	93.1	94.3	94.9	95.6	96.2
GE 200	68.8	71.5	75.7	79.2	84.9	85.2	89.3	90.6	90.8	92.8	93.5	93.6	95.0	95.7	96.5	97.4
GE 100	68.8	71.5	75.7	79.2	84.9	85.2	89.3	90.6	90.8	93.0	93.8	93.8	95.5	96.5	97.5	99.0
GE 000	68.8	71.5	75.7	79.2	84.9	85.2	89.3	90.6	90.8	93.0	93.8	93.8	95.5	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5085

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 20000	24.2	24.2	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 18000	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 16000	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 14000	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 12000	24.7	24.7	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 10000	24.7	24.7	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 9000	24.7	24.7	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 8000	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 7000	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 6000	25.9	25.9	25.9	25.9	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 5000	26.3	26.3	26.3	26.3	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 4500	26.4	26.4	26.4	26.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 4000	26.9	26.9	26.9	26.9	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 3500	29.3	29.3	29.3	29.3	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 3000	36.8	37.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 2500	44.1	44.8	44.8	44.8	45.7	45.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 2000	54.5	55.5	55.7	55.7	56.7	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 1800	56.5	57.5	57.7	57.7	58.7	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1500	63.5	64.9	65.4	65.4	66.9	67.1	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1200	66.9	68.4	69.4	69.7	71.7	71.9	72.9	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1000	69.9	72.1	74.9	76.1	79.1	79.4	81.3	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 900	70.1	72.2	75.4	77.1	80.3	80.6	82.8	83.3	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 800	70.1	72.2	76.3	77.9	82.3	82.6	85.1	85.8	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 700	70.1	72.2	76.4	78.4	83.1	83.4	86.3	87.0	87.1	87.8	87.8	87.8	88.0	88.0	88.0	88.0
GE 600	71.1	73.2	77.8	79.9	84.8	85.1	88.3	89.6	89.8	90.6	90.8	90.8	91.0	91.0	91.0	91.0
GE 500	71.2	73.4	77.9	80.3	85.6	86.0	89.6	91.0	91.1	92.6	92.8	92.8	93.0	93.0	93.1	93.1
GE 400	71.2	73.4	77.9	80.3	85.6	86.0	89.6	91.0	91.1	92.6	92.8	92.8	93.3	93.3	93.6	93.6
GE 300	71.2	73.4	77.9	80.3	85.6	86.0	90.0	91.5	91.6	93.6	93.8	93.8	94.6	94.6	95.7	95.7
GE 200	71.2	73.4	77.9	80.3	85.6	86.0	90.5	92.0	92.3	94.5	94.6	94.6	95.7	95.7	97.5	97.7
GE 100	71.2	73.4	77.9	80.3	85.6	86.0	90.5	92.0	92.3	94.5	94.6	94.6	96.2	96.3	99.2	99.7
GE 000	71.2	73.4	77.9	80.3	85.6	86.0	90.5	92.0	92.3	94.5	94.6	94.6	96.2	96.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 598

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 20000	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 18000	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 16000	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 14000	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 12000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 10000	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 9000	23.1	23.1	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 8000	23.9	23.9	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 7000	24.4	24.4	24.6	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 6000	25.2	25.2	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 5000	26.2	26.2	26.5	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 4500	26.4	26.4	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 4000	27.5	27.5	27.8	27.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 3500	29.1	29.4	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 3000	34.8	35.1	35.6	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 2500	43.2	43.7	44.3	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 2000	55.0	55.7	56.6	57.6	58.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1800	57.6	58.3	59.2	60.2	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1500	65.7	66.8	68.0	68.9	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1200	67.6	68.8	70.6	72.2	74.3	74.6	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1000	70.9	73.0	75.6	77.2	80.1	80.4	81.9	81.9	81.9	82.2	82.4	82.4	82.7	82.7	82.7	82.7
GE 900	71.0	73.3	76.1	78.3	81.7	82.0	83.8	83.8	83.8	84.3	84.5	84.5	84.8	84.8	84.8	84.8
GE 800	71.8	74.3	77.2	79.4	84.3	84.8	87.7	88.0	88.0	88.5	88.7	88.7	89.5	89.5	89.6	89.6
GE 700	72.3	74.8	77.8	80.1	85.0	85.4	88.3	88.8	88.8	89.3	89.5	89.5	90.3	90.3	90.5	90.5
GE 600	73.0	75.4	78.8	81.4	86.6	87.1	90.3	90.8	90.9	91.9	92.2	92.2	93.2	93.2	93.4	93.4
GE 500	73.0	75.4	78.8	81.4	86.6	87.1	90.8	91.3	91.4	92.4	92.7	92.7	93.7	93	94.0	94.0
GE 400	73.0	75.4	78.8	81.7	87.1	87.5	91.4	91.9	92.1	93.0	93.5	93.5	94.7	94.7	95.0	95.0
GE 300	73.0	75.4	78.8	81.7	87.1	87.5	91.6	92.1	92.4	94.0	94.5	94.5	95.8	95.8	96.1	96.1
GE 200	73.0	75.4	78.8	81.7	87.1	87.5	91.6	92.1	92.4	94.5	95.0	95.0	96.6	96.8	97.7	97.7
GE 100	73.0	75.4	78.8	81.7	87.1	87.5	91.6	92.1	92.4	94.5	95.0	95.0	96.9	97.4	98.5	99.0
GE 000	73.0	75.4	78.8	81.7	87.1	87.5	91.6	92.1	92.4	94.5	95.0	95.0	96.9	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.3	20.5	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 20000	20.5	20.6	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 18000	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 16000	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 14000	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 12000	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 10000	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000	20.6	20.9	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 8000	21.5	21.8	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	21.8	22.1	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 6000	22.3	22.6	22.7	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 5000	23.6	23.9	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 4500	23.9	24.2	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 4000	24.8	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 3500	27.1	27.4	27.5	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 3000	34.3	35.0	35.3	35.5	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 2500	42.4	44.1	45.0	45.1	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 2000	53.2	55.9	57.6	57.9	59.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 1800	54.7	57.4	59.1	59.5	61.4	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
GE 1500	62.0	64.8	66.8	67.2	69.5	69.6	70.4	70.4	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7
GE 1200	64.4	67.5	69.6	70.4	73.1	73.2	74.0	74.3	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7
GE 1000	68.1	71.7	74.7	76.1	80.8	80.9	82.1	82.4	82.4	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 900	68.3	71.9	75.5	77.0	82.1	82.4	83.6	84.1	84.1	84.5	84.7	84.7	84.8	84.8	84.8	84.8
GE 800	68.4	72.0	75.8	77.6	83.0	83.3	85.6	86.5	86.5	86.9	87.2	87.2	87.7	87.7	87.7	87.7
GE 700	68.6	72.2	76.1	78.3	84.1	84.5	87.1	88.3	88.3	88.7	89.0	89.0	89.5	89.5	89.5	89.5
GE 600	68.9	72.5	76.7	79.1	85.0	85.1	88.3	89.5	89.5	89.9	90.4	90.4	90.8	90.8	90.8	90.8
GE 500	68.9	72.5	77.0	79.4	85.4	85.9	89.3	90.7	90.7	91.3	91.7	91.7	92.3	92.3	92.6	92.6
GE 400	68.9	72.5	77.0	79.5	85.7	86.2	90.1	91.4	91.4	92.2	92.6	92.6	93.4	93.4	93.8	93.8
GE 300	68.9	72.5	77.0	79.7	86.3	86.8	91.0	92.3	92.3	93.1	93.5	93.5	94.6	94.6	95.2	95.2
GE 200	68.9	72.5	77.0	79.8	86.5	86.9	91.1	92.5	92.5	93.7	94.1	94.1	95.6	96.1	97.6	97.6
GE 100	68.9	72.5	77.0	79.8	86.5	86.9	91.4	92.8	92.8	94.3	94.7	94.7	96.4	97.3	98.8	98.9
GE 000	68.9	72.5	77.0	79.8	86.5	86.9	91.4	92.8	92.8	94.3	94.7	94.7	96.4	97.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 665

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 20000	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 18000	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 16000	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 14000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 12000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 10000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 9000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 8000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 7000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 6000	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 5000	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 4500	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 4000	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 3500	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 3000	30.3	31.0	31.2	31.6	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 2500	41.1	42.1	42.3	42.7	43.2	43.2	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 2000	55.0	56.2	56.7	57.4	58.3	58.3	59.1	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 1800	57.6	58.9	59.5	60.4	61.3	61.3	62.1	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 1500	64.0	65.4	66.4	67.6	68.8	69.0	70.0	70.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 1200	67.2	68.5	69.9	71.5	73.0	73.2	74.4	75.1	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6
GE 1000	70.8	72.3	74.4	77.5	80.7	81.1	82.9	84.1	84.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	71.8	73.3	75.4	78.7	82.2	82.6	84.4	85.8	85.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	73.2	74.7	76.9	81.4	85.3	85.9	88.5	90.0	90.0	91.2	91.5	91.5	91.5	91.6	91.8	91.8
GE 700	73.3	74.8	77.1	81.7	85.9	86.5	89.2	90.7	90.7	91.9	92.2	92.2	92.2	92.4	92.5	92.5
GE 600	73.6	75.1	77.4	82.0	86.5	87.1	90.1	91.8	91.8	93.0	93.6	93.6	93.6	93.7	93.9	93.9
GE 500	73.8	75.3	77.5	82.2	86.8	87.4	90.7	92.5	92.5	94.0	94.8	94.8	94.8	94.9	95.1	95.1
GE 400	73.8	75.4	77.7	82.3	87.3	87.9	91.2	93.0	93.0	94.5	95.4	95.4	95.7	95.8	96.0	96.0
GE 300	73.8	75.4	77.7	82.6	87.7	88.3	91.9	93.7	93.7	95.2	96.1	96.1	96.4	96.6	96.7	97.0
GE 200	73.8	75.4	77.7	82.6	87.7	88.3	91.9	93.7	93.7	95.2	96.1	96.1	96.4	96.9	98.1	98.4
GE 100	73.8	75.4	77.7	82.6	87.7	88.3	92.1	93.9	93.9	95.4	96.6	96.6	97.2	97.6	98.8	99.9
GE 000	73.8	75.4	77.7	82.6	87.7	88.3	92.1	93.9	93.9	95.4	96.6	96.6	97.2	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 667



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 20000	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 18000	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 16000	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 14000	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 12000	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 10000	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
GE 9000	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
GE 8000	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 7000	12.8	12.8	12.8	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 6000	13.4	13.4	13.4	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 5000	14.2	14.2	14.2	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 4500	14.3	14.3	14.3	14.3	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 4000	14.9	14.9	14.9	14.9	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 3500	18.5	18.5	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 3000	28.6	28.9	28.9	29.1	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 2500	40.4	41.1	41.3	41.4	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 2000	54.2	55.4	55.7	56.8	58.4	58.4	58.7	59.0	59.0	59.3	59.3	59.3	59.5	59.5	59.5	59.5
GE 1800	58.1	59.3	59.8	60.8	62.6	62.6	62.9	63.2	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6
GE 1500	64.5	65.7	66.2	67.2	69.4	69.4	69.9	70.2	70.3	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 1200	68.7	69.9	71.2	72.4	75.0	75.3	75.9	76.2	76.3	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 1000	70.3	72.1	73.9	75.6	79.4	80.0	81.1	81.5	81.7	82.1	82.1	82.1	82.6	82.6	82.7	82.7
GE 900	70.5	72.4	74.7	76.3	80.2	80.8	81.8	82.4	82.6	83.2	83.2	83.2	83.6	83.6	83.8	83.8
GE 800	71.2	73.3	75.6	77.3	81.5	82.1	83.8	84.9	85.1	86.0	86.1	86.1	86.7	86.7	86.9	86.9
GE 700	71.7	73.8	76.2	78.1	83.2	83.9	85.7	86.7	87.0	87.9	88.1	88.1	88.7	88.7	88.8	88.8
GE 600	71.8	74.2	76.6	78.5	83.9	84.6	86.4	87.9	88.1	89.3	89.9	89.9	90.5	90.6	90.8	90.8
GE 500	72.0	74.4	76.8	79.0	84.5	85.5	87.3	89.3	89.4	90.9	91.5	91.5	92.1	92.3	93.3	93.3
GE 400	72.0	74.5	76.9	79.4	85.2	86.3	88.5	90.5	90.6	92.5	93.6	93.6	94.3	94.5	95.5	95.7
GE 300	72.0	74.5	76.9	79.4	85.5	86.6	88.8	90.8	90.9	93.3	94.8	94.8	96.0	96.4	97.6	97.9
GE 200	72.0	74.5	76.9	79.4	85.5	86.6	88.8	90.8	90.9	93.3	94.8	94.8	96.4	97.0	98.5	98.8
GE 100	72.0	74.5	76.9	79.4	85.5	86.6	88.8	90.8	90.9	93.3	94.8	94.8	96.7	97.6	99.6	99.9
GE 000	72.0	74.5	76.9	79.4	85.5	86.6	88.8	90.8	90.9	93.3	94.8	94.8	96.7	97.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 20000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
GE 18000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 16000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 14000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 12000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 10000	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 9000	11.4	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 8000	11.7	11.7	11.7	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 7000	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 6000	14.1	14.1	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 5000	15.3	15.3	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 4500	15.6	15.6	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 4000	16.8	16.8	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 3500	21.2	21.2	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3000	31.8	31.9	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 2500	39.5	40.3	40.7	40.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 2000	52.6	53.9	54.7	55.1	55.7	55.7	56.0	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5
GE 1800	55.6	56.9	57.8	58.2	59.0	59.0	59.3	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.7
GE 1500	63.6	65.2	66.4	67.0	68.2	68.2	68.8	68.9	68.9	69.1	69.2	69.2	69.4	69.4	69.4	69.4
GE 1200	67.9	69.7	71.0	72.1	74.1	74.1	75.0	75.2	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6
GE 1000	69.7	71.8	73.4	75.0	78.8	78.9	80.5	81.0	81.1	81.3	81.4	81.4	81.7	81.7	81.7	81.7
GE 900	69.7	71.8	73.4	75.3	79.3	79.5	81.4	82.0	82.2	82.3	82.5	82.5	82.8	82.8	82.8	82.8
GE 800	70.9	73.0	74.9	77.3	82.6	82.9	85.3	86.0	86.2	86.8	86.9	86.9	87.2	87.2	87.2	87.2
GE 700	71.0	73.1	75.0	77.4	83.4	83.7	86.5	87.2	87.4	88.1	88.3	88.3	88.7	88.7	88.7	88.7
GE 600	71.8	73.8	75.9	78.3	84.7	85.0	88.0	88.9	89.0	89.7	90.0	90.0	90.8	90.8	90.8	90.8
GE 500	71.8	74.0	76.1	78.6	85.1	85.6	88.9	89.9	90.3	91.7	92.0	92.0	93.0	93.0	93.3	93.5
GE 400	71.9	74.1	76.5	79.0	85.9	86.3	89.6	90.6	91.1	92.7	93.3	93.3	94.5	94.8	95.1	95.2
GE 300	72.1	74.4	76.8	79.3	86.2	86.6	90.0	91.2	92.0	93.9	94.9	94.9	96.7	97.0	97.3	97.5
GE 200	72.1	74.4	76.8	79.3	86.2	86.6	90.0	91.2	92.1	94.2	95.4	95.4	97.5	97.8	98.2	98.4
GE 100	72.1	74.4	76.8	79.3	86.2	86.6	90.0	91.2	92.1	94.2	95.4	95.4	97.5	97.8	98.4	99.1
GE 000	72.1	74.4	76.8	79.3	86.2	86.6	90.0	91.2	92.1	94.2	95.4	95.4	97.5	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 673

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 20000	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 18000	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 16000	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 14000	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 12000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 10000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 9000	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 8000	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5
GE 7000	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.3	13.3	13.3	13.3	13.3	13.3
GE 6000	14.2	14.2	14.2	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6
GE 5000	14.3	14.3	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 4500	14.5	14.5	14.6	14.6	14.9	14.9	14.9	14.9	14.9	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 4000	14.9	14.9	15.1	15.1	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 3500	17.6	17.6	17.7	17.7	18.0	18.0	18.0	18.0	18.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 3000	27.7	27.9	28.0	28.0	28.3	28.3	28.3	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 2500	36.7	37.4	37.6	37.7	38.0	38.0	38.0	38.2	38.2	38.3	38.3	38.3	38.5	38.5	38.5	38.5
GE 2000	50.7	52.0	52.3	52.8	53.1	53.1	53.2	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8
GE 1800	53.9	55.4	55.9	56.3	56.9	56.9	57.1	57.2	57.2	57.4	57.5	57.5	57.7	57.7	57.7	57.7
GE 1500	62.1	63.8	64.7	65.3	66.3	66.3	66.6	67.2	67.2	67.4	67.5	67.5	67.7	67.7	67.7	67.7
GE 1200	65.1	67.5	68.7	69.4	70.6	70.6	71.1	71.7	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1
GE 1000	68.9	72.1	74.1	75.6	78.1	78.5	79.4	80.2	80.3	80.5	80.6	80.6	80.8	80.8	80.8	80.8
GE 900	69.4	72.9	75.0	76.6	79.7	80.2	81.1	81.8	82.0	82.3	82.4	82.4	82.6	82.6	82.6	82.6
GE 800	70.2	73.6	76.0	77.9	82.3	83.0	85.4	86.9	87.2	87.6	87.8	87.8	88.1	88.1	88.1	88.1
GE 700	71.1	74.5	76.9	79.0	84.4	85.1	87.6	89.1	89.4	90.0	90.2	90.2	90.5	90.5	90.5	90.5
GE 600	71.1	74.5	76.9	79.0	84.4	85.1	87.6	89.1	89.4	90.5	90.6	90.6	90.9	90.9	90.9	90.9
GE 500	71.2	74.7	77.0	79.3	84.9	85.7	88.5	90.5	90.8	92.0	92.3	92.3	93.3	93.3	93.3	93.3
GE 400	71.2	74.7	77.0	79.3	84.9	85.7	88.8	91.1	91.4	92.7	93.1	93.1	94.5	94.9	95.2	95.4
GE 300	71.2	74.7	77.2	79.6	85.2	86.0	89.3	91.7	92.0	93.6	94.2	94.2	95.8	96.3	96.9	97.2
GE 200	71.2	74.7	77.2	79.6	85.2	86.0	89.3	91.7	92.0	93.9	94.5	94.5	96.9	97.5	98.1	98.4
GE 100	71.2	74.7	77.2	79.6	85.2	86.0	89.3	91.7	92.0	93.9	94.5	94.5	96.9	97.5	98.2	99.3
GE 000	71.2	74.7	77.2	79.6	85.2	86.0	89.3	91.7	92.0	93.9	94.5	94.5	96.9	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 20000	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 18000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 16000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 14000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 12000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 10000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 8000	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 7000	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 6000	21.8	22.0	22.0	22.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 5000	22.0	22.1	22.1	22.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 4500	22.1	22.3	22.3	22.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4000	23.3	23.5	23.5	23.5	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 3500	26.4	26.5	26.7	26.7	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 3000	35.1	35.3	35.6	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 2500	44.4	44.6	44.9	45.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 2000	53.7	53.9	54.7	55.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 1800	56.1	56.3	57.1	57.9	59.0	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1500	63.9	64.4	65.4	66.7	69.1	69.1	69.4	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1200	67.6	68.6	69.6	71.3	73.8	73.8	74.2	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1000	71.8	73.1	74.7	76.7	79.4	79.4	80.4	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 900	72.3	73.6	75.2	77.7	80.9	80.9	81.9	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 800	72.6	74.3	77.2	79.9	83.6	83.8	85.1	86.0	86.0	86.5	86.5	86.5	86.7	86.7	86.7	86.7
GE 700	72.8	74.7	78.2	81.4	85.1	85.3	86.8	87.7	87.8	88.5	88.5	88.5	88.7	88.7	88.7	88.7
GE 600	73.0	74.8	78.4	82.1	86.5	86.7	88.2	89.0	89.2	89.9	89.9	89.9	90.4	90.4	90.5	90.5
GE 500	73.0	74.8	78.4	82.6	87.3	87.5	89.7	90.7	90.9	91.9	91.9	91.9	92.7	92.7	93.1	93.1
GE 400	73.0	74.8	78.4	82.6	87.5	87.7	90.0	91.0	91.2	92.2	92.2	92.2	93.1	93.2	93.6	93.6
GE 300	73.0	74.8	78.4	82.6	87.5	87.7	90.2	91.4	91.6	93.6	93.9	93.9	94.9	95.3	95.8	96.3
GE 200	73.0	74.8	78.4	82.6	87.7	87.8	90.4	91.6	91.7	93.8	94.3	94.3	95.3	95.8	96.3	96.8
GE 100	73.0	74.8	78.4	82.6	87.7	87.8	90.4	91.6	91.7	93.8	94.3	94.3	95.9	96.5	97.6	98.8
GE 000	73.0	74.8	78.4	82.6	87.7	87.8	90.4	91.6	91.7	93.8	94.4	94.4	96.1	96.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 592

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 20000	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 18000	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 16000	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 14000	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 12000	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 10000	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 9000	17.1	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 8000	17.6	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 7000	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 6000	19.2	19.3	19.4	19.4	19.6	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 5000	19.9	20.0	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 4500	20.1	20.2	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	2.6	20.6
GE 4000	21.1	21.1	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 3500	24.0	24.1	24.2	24.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 3000	32.3	32.7	32.9	33.0	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 2500	41.4	42.2	42.5	42.7	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 2000	53.6	54.8	55.5	56.1	57.1	57.1	57.5	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	57.9
GE 1800	56.3	57.5	58.3	58.9	60.0	60.1	60.4	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8
GE 1500	63.6	65.1	66.1	66.9	68.6	68.7	69.3	69.5	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 1200	66.9	68.6	70.0	71.1	73.2	73.3	74.1	74.4	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 1000	70.0	72.3	74.4	76.2	79.5	79.8	81.2	81.7	81.8	82.2	82.3	82.3	82.5	82.5	82.5	82.5
GE 900	70.4	72.7	75.1	77.1	80.8	81.1	82.6	83.2	83.3	83.8	83.9	83.9	84.0	84.0	84.1	84.1
GE 800	71.0	73.4	76.2	78.6	83.1	83.5	85.8	86.8	86.9	87.5	87.7	87.7	88.0	88.0	88.1	88.1
GE 700	71.3	73.8	76.7	79.3	84.2	84.7	87.2	88.2	88.3	89.1	89.2	89.2	89.6	89.6	89.7	89.7
GE 600	71.8	74.2	77.3	80.0	85.3	85.7	88.4	89.6	89.7	90.6	90.9	90.9	91.4	91.4	91.5	91.5
GE 500	71.8	74.3	77.4	80.3	85.8	86.3	89.3	90.7	90.9	92.1	92.5	92.5	93.1	93.2	93.5	93.5
GE 400	71.9	74.4	77.5	80.5	86.1	86.7	89.9	91.3	91.5	92.8	93.3	93.3	94.2	94.4	94.8	94.8
GE 300	71.9	74.4	77.6	80.6	86.4	86.9	90.3	91.8	92.1	93.8	94.5	94.5	95.6	95.8	96.4	96.6
GE 200	71.9	74.4	77.6	80.6	86.4	87.0	90.4	91.9	92.2	94.1	94.9	94.9	96.3	96.7	97.8	98.0
GE 100	71.9	74.4	77.6	80.6	86.4	87.0	90.5	92.0	92.3	94.2	95.0	95.0	96.7	97.3	98.6	99.3
GE 000	71.9	74.4	77.6	80.6	86.4	87.0	90.5	92.0	92.3	94.2	95.0	95.0	96.7	97.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5155

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB43 - NOV 50  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 20000	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 18000	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 16000	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 14000	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 12000	19.9	20.2	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7
GE 10000	20.1	20.4	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.9	20.9	20.9	20.9
GE 9000	20.1	20.4	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.9	20.9	20.9	20.9
GE 8000	20.1	20.4	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.9	20.9	20.9	20.9
GE 7000	21.0	21.3	21.5	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.1	22.1	22.1	22.1
GE 6000	22.1	22.4	22.5	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3
GE 5000	22.2	22.5	22.7	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5
GE 4500	22.7	23.0	23.2	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9	23.9
GE 4000	24.2	24.5	24.7	25.2	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6
GE 3500	25.9	26.4	26.5	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5
GE 3000	31.4	31.9	32.1	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4
GE 2500	40.0	40.6	41.1	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8
GE 2000	51.2	52.0	52.9	54.0	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
GE 1800	54.1	55.2	57.1	58.4	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
GE 1500	61.3	63.7	66.0	67.5	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.6	69.6	69.6	69.8
GE 1200	64.6	67.8	71.6	73.5	75.8	75.8	76.2	76.2	76.2	76.7	76.7	76.7	77.0	77.0	77.0	77.1
GE 1000	67.2	72.1	77.1	79.3	82.4	82.4	83.0	83.0	83.0	83.4	83.6	83.6	83.9	83.9	83.9	84.0
GE 900	67.5	72.4	77.6	79.9	83.1	83.3	83.9	83.9	83.9	84.7	84.8	84.8	85.1	85.1	85.1	85.3
GE 800	67.9	73.0	79.0	82.4	86.0	86.3	87.3	87.4	87.4	88.5	89.0	89.0	89.3	89.3	89.3	89.4
GE 700	67.9	73.0	79.0	82.7	88.0	88.3	89.3	89.4	89.4	90.6	91.1	91.1	91.4	91.4	91.4	91.6
GE 600	67.9	73.0	79.0	83.0	88.7	89.0	89.9	90.2	90.3	92.0	92.8	92.8	93.3	93.3	93.3	93.4
GE 500	67.9	73.0	79.0	84.0	89.7	90.0	91.0	91.3	91.6	93.3	94.0	94.0	94.5	94.5	94.5	94.6
GE 400	67.9	73.0	79.0	84.0	89.7	90.0	91.3	91.6	92.0	93.7	94.5	94.5	94.9	94.9	94.9	95.1
GE 300	67.9	73.0	79.0	84.0	89.7	90.2	91.6	91.9	92.3	94.2	95.1	95.1	95.6	95.6	96.0	96.2
GE 200	67.9	73.0	79.0	84.0	89.7	90.2	91.7	92.2	92.6	94.5	95.7	95.7	96.2	96.2	96.6	97.1
GE 100	67.9	73.0	79.0	84.0	89.7	90.2	91.7	92.2	92.6	94.5	96.0	96.0	96.6	97.2	98.2	99.5
GE 000	67.9	73.0	79.0	84.0	89.7	90.2	91.7	92.2	92.6	94.5	96.0	96.0	96.6	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 652

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.5	18.8	18.9	19.0	19.6	19.6	19.6	19.6	19.6	19.9	19.9	19.9	20.1	20.1	20.1	20.1
GE 20000	18.5	18.8	18.9	19.0	19.6	19.6	19.6	19.6	19.6	19.9	19.9	19.9	20.1	20.1	20.1	20.1
GE 18000	18.5	18.8	18.9	19.0	19.6	19.6	19.6	19.6	19.6	19.9	19.9	19.9	20.1	20.1	20.1	20.1
GE 16000	18.5	18.8	18.9	19.0	19.6	19.6	19.6	19.6	19.6	19.9	19.9	19.9	20.1	20.1	20.1	20.1
GE 14000	18.5	18.8	18.9	19.0	19.6	19.6	19.6	19.6	19.6	19.9	19.9	19.9	20.1	20.1	20.1	20.1
GE 12000	18.6	19.0	19.2	19.3	19.9	19.9	19.9	19.9	19.9	20.2	20.2	20.2	20.3	20.3	20.3	20.3
GE 10000	18.8	19.2	19.3	19.5	20.1	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.5	20.5	20.5	20.5
GE 9000	18.8	19.2	19.3	19.5	20.1	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.5	20.5	20.5	20.5
GE 8000	18.9	19.3	19.5	19.6	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.5	20.6	20.6	20.6	20.6
GE 7000	19.3	19.8	19.9	2.2	20.8	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.2	21.2	21.2	21.2
GE 6000	20.9	21.4	21.5	21.8	22.4	22.4	22.4	22.4	22.4	22.7	22.7	22.7	22.8	22.8	22.8	22.8
GE 5000	21.6	22.1	22.2	22.5	23.1	23.1	23.1	23.1	23.1	23.4	23.4	23.4	23.5	23.5	23.5	23.5
GE 4500	21.6	22.1	22.2	22.7	23.2	23.2	23.2	23.2	23.2	23.5	23.5	23.5	23.7	23.7	23.7	23.7
GE 4000	22.8	23.2	23.4	23.8	24.4	24.4	24.4	24.4	24.4	24.7	24.7	24.7	24.8	24.8	24.8	24.8
GE 3500	26.1	26.6	26.8	27.3	27.8	27.8	27.8	27.8	27.8	28.1	28.1	28.1	28.3	28.3	28.3	28.3
GE 3000	31.2	31.7	32.0	32.5	33.0	33.0	33.0	33.0	33.0	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 2500	36.7	37.7	38.0	38.4	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.4	39.4	39.4	39.4
GE 2000	47.6	49.6	50.4	51.2	52.2	52.2	52.7	52.7	52.7	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 1800	51.4	53.4	54.7	55.8	57.1	57.1	57.6	57.6	57.6	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 1500	60.8	63.2	64.8	65.9	68.3	68.3	68.7	68.7	68.7	69.0	69.0	69.0	69.3	69.3	69.3	69.3
GE 1200	64.4	67	69.8	71.6	74.3	74.3	74.7	74.9	74.9	75.3	75.3	75.3	75.6	75.6	75.6	75.6
GE 1000	67.1	70.9	74.3	76.9	80.1	80.4	81.1	81.2	81.2	82.8	83.0	83.0	83.3	83.3	83.3	83.3
GE 900	67.2	71.0	75.0	78.1	81.8	82.1	83.0	83.3	83.3	84.8	85.0	85.0	85.3	85.3	85.3	85.3
GE 800	67.5	71.3	75.5	78.9	83.8	84.3	85.7	86.1	86.1	88.2	88.5	88.5	88.9	88.9	88.9	88.9
GE 700	67.5	71.3	75.5	79.1	84.8	85.3	86.7	87.3	87.3	89.5	89.8	89.8	90.2	90.2	90.2	90.3
GE 600	67.7	71.4	75.8	79.5	86.6	87.0	89.3	89.9	90.0	92.6	92.9	92.9	93.4	93.4	93.4	93.5
GE 500	67.7	71.4	75.9	80.1	87.4	87.9	90.9	91.6	91.8	94.4	94.7	94.7	95.1	95.1	95.2	95.4
GE 400	67.7	71.4	75.9	80.1	87.6	88.0	91.5	92.2	92.4	94.9	95.2	95.2	95.7	95.7	96.0	96.1
GE 300	67.8	71.6	76.0	80.2	87.9	88.3	92.1	92.8	92.9	95.8	96.1	96.1	96.7	96.7	97.1	97.3
GE 200	67.8	71.6	76.0	80.2	87.9	88.3	92.4	93.1	93.2	96.7	97.1	97.1	98.3	98.3	98.7	98.8
GE 100	67.8	71.6	76.0	80.2	87.9	88.3	92.4	93.1	93.2	96.8	97.3	97.3	98.8	98.8	99.4	100.0
GE 000	67.8	71.6	76.0	80.2	87.9	88.3	92.4	93.1	93.2	96.8	97.3	97.3	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.6	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 20000	16.6	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 18000	16.7	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 16000	16.7	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 14000	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 12000	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 9000	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 8000	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 7000	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 6000	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 5000	18.1	18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 4500	18.1	18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 4000	18.5	18.6	18.8	18.8	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 3500	20.5	20.7	21.0	21.0	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3000	28.6	28.7	29.1	29.1	29.7	29.7	29.7	29.7	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 2500	36.2	36.6	37.1	37.1	37.7	37.7	37.7	37.7	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 2000	51.7	52.4	52.9	52.9	53.6	53.6	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 1800	55.9	57.0	57.7	57.7	58.6	58.6	58.9	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1500	63.5	65.7	66.8	67.1	68.3	68.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1200	66.9	69.5	71.7	72.5	74.1	74.1	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 1000	71.3	74.6	77.3	78.6	81.1	81.2	82.6	82.9	82.9	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 900	71.7	75.0	77.8	79.2	81.9	82.0	83.4	83.7	83.7	84.2	84.2	84.2	84.5	84.5	84.5	84.5
GE 800	71.8	75.1	78.5	80.3	83.9	84.1	86.4	87.1	87.1	88.0	88.7	88.7	89.0	89.0	89.0	89.0
GE 700	72.0	75.2	78.6	81.0	84.8	84.9	87.3	88.6	88.6	90.1	90.7	90.7	91.0	91.0	91.0	91.0
GE 600	72.0	75.2	78.8	81.2	85.2	85.3	88.6	89.9	90.3	92.2	93.3	93.3	93.6	93.6	93.6	93.6
GE 500	72.0	75.2	78.8	81.6	85.7	85.9	89.7	91.0	91.4	93.6	94.7	94.7	95.2	95.4	95.4	95.4
GE 400	72.0	75.2	78.8	81.6	85.9	86.0	90.1	91.7	92.1	94.6	95.8	95.8	96.3	96.6	96.6	96.6
GE 300	72.0	75.4	78.9	81.8	86.0	86.1	90.3	92.1	92.5	95.0	96.3	96.3	97.3	97.6	97.6	97.6
GE 200	72.0	75.4	78.9	81.8	86.1	86.3	90.5	92.5	92.9	95.6	97.1	97.3	98.5	98.9	98.9	99.0
GE 100	72.0	75.4	78.9	81.8	86.1	86.3	90.5	92.5	92.9	95.6	97.1	97.3	98.5	98.9	99.0	99.7
GE 000	72.0	75.4	78.9	81.8	86.1	86.3	90.5	92.5	92.9	95.6	97.1	97.3	98.5	98.9	99.0	100.0

TOTAL NUMBER OF OBSRVATIONS 735



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	9.6	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 20000	9.6	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 18000	9.9	10.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 16000	9.9	10.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 14000	9.9	10.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 12000	10.5	10.8	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 10000	10.8	11.1	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 9000	10.8	11.1	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 8000	11.2	11.5	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 7000	12.6	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 6000	13.5	13.8	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 5000	14.5	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 4500	14.7	15.0	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 4000	14.9	15.3	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 3500	18.0	18.4	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 3000	23.4	23.9	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 2500	32.0	32.8	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 2000	50.4	51.5	53.5	53.6	54.3	54.3	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 1800	54.7	55.9	58.1	58.4	59.1	59.1	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 1500	61.2	63.1	65.5	66.4	67.3	67.3	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1200	65.1	67.2	69.9	71.1	72.4	72.4	73.4	73.5	73.5	73.9	73.9	73.9	74.1	74.1	74.1	74.1
GE 1000	66.9	69.5	72.6	73.9	76.1	76.2	77.7	78.1	78.1	78.9	78.9	79.1	79.3	79.5	79.5	79.5
GE 900	66.9	69.5	72.7	74.2	76.5	76.8	78.2	78.6	78.8	79.6	79.6	79.7	80.0	80.1	80.1	80.1
GE 800	67.3	70.0	73.2	75.1	78.9	79.5	81.2	82.4	82.7	84.2	84.3	84.5	84.7	84.9	85.0	85.0
GE 700	67.7	70.4	73.6	75.9	80.0	80.5	82.6	84.5	84.7	86.2	86.5	86.6	87.3	87.4	87.6	87.6
GE 600	68.0	70.7	74.1	76.4	81.1	81.9	84.6	86.8	87.4	89.2	89.9	90.0	90.8	90.9	91.1	91.1
GE 500	68.5	71.4	75.0	77.6	82.4	83.2	86.1	88.2	88.9	91.1	91.8	91.9	92.8	93.0	93.1	93.1
GE 400	68.6	71.5	75.3	78.5	84.1	85.0	88.0	90.4	91.1	93.2	94.1	94.2	95.5	95.7	95.8	95.8
GE 300	68.6	71.5	75.3	78.6	84.2	85.1	88.5	91.2	91.9	94.2	95.1	95.3	97.2	97.3	97.6	97.6
GE 200	68.6	71.5	75.3	78.6	84.3	85.3	88.8	91.6	92.3	94.6	95.5	95.7	97.6	97.8	98.1	98.1
GE 100	68.6	71.5	75.3	78.6	84.3	85.3	88.8	91.6	92.3	94.6	95.5	95.7	97.7	98.2	99.1	99.6
GE 000	68.6	71.5	75.3	78.6	84.3	85.3	88.8	91.6	92.3	94.6	95.5	95.7	97.7	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 740

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	11.0	11.1	11.2	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 20000	11.0	11.2	11.4	11.3	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 18000	11.4	11.7	11.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 16000	11.4	11.7	11.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 14000	11.5	11.8	11.9	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 12000	11.7	11.9	12.1	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 10000	12.1	12.3	12.5	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
GE 9000	12.2	12.5	12.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 8000	12.2	12.5	12.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 7000	13.1	13.4	13.6	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 6000	14.2	14.5	14.8	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 5000	14.6	15.0	15.3	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 4500	15.4	15.9	16.1	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 4000	16.5	16.9	17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 3500	18.7	19.1	19.4	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 3000	26.3	26.8	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 2500	35.9	37.1	37.5	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 2000	53.4	54.9	55.7	56.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 1800	57.2	58.8	60.0	61.4	62.6	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1500	61.7	63.7	66.0	67.5	68.8	69.0	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1200	64.4	66.7	69.2	71.1	73.6	73.7	74.1	74.3	74.3	74.4	74.7	74.7	74.7	74.7	74.7	74.7
GE 1000	67.2	69.6	72.4	74.7	78.3	78.5	79.4	79.7	79.7	79.9	80.2	80.2	80.2	80.2	80.4	80.4
GE 900	68.0	70.5	73.2	75.5	79.5	79.8	80.9	81.2	81.4	81.7	82.0	82.0	82.0	82.0	82.1	82.1
GE 800	68.7	71.3	74.3	76.8	81.8	82.2	83.7	84.3	84.6	85.5	85.9	85.9	85.9	85.9	86.0	86.0
GE 700	68.8	71.5	74.7	77.4	83.1	83.5	85.4	86.2	86.6	87.5	88.1	88.1	88.1	88.1	88.2	88.2
GE 600	69.8	72.6	75.7	78.5	84.1	84.7	87.3	88.2	88.8	89.7	91.1	91.1	91.1	91.1	91.2	91.2
GE 500	69.9	72.8	76.0	78.9	84.6	85.1	87.8	88.9	89.6	90.7	92.3	92.3	92.7	92.7	92.8	93.1
GE 400	70.1	73.0	76.3	79.3	85.9	86.4	89.4	90.5	91.2	92.4	94.6	94.6	95.1	95.1	95.3	95.7
GE 300	70.1	73.0	76.4	79.4	86.0	86.6	90.0	91.3	92.0	93.5	95.8	95.8	96.3	96.3	96.6	97.0
GE 200	70.1	73.0	76.4	79.4	86.0	86.6	90.0	91.5	92.3	93.9	96.2	96.2	96.9	97.0	97.4	97.8
GE 100	70.1	73.0	76.4	79.4	86.0	86.6	90.0	91.5	92.3	93.9	96.2	96.2	97.0	97.6	98.5	99.2
GE 000	70.1	73.0	76.4	79.4	86.0	86.6	90.0	91.5	92.3	93.9	96.2	96.2	97.0	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 738

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.8	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
GE 20000	6.9	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 18000	7.3	7.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 16000	7.3	7.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 14000	7.4	7.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 12000	7.7	7.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
GE 10000	8.0	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
GE 9000	8.4	8.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 8000	8.9	8.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
GE 7000	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 6000	11.2	11.5	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 5000	11.8	12.0	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 4500	12.6	12.9	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 4000	13.4	13.7	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 3500	15.8	16.1	16.6	16.6	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 3000	25.2	25.7	26.4	26.4	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 2500	37.3	38.3	39.1	39.4	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 2000	54.7	55.8	57.0	57.2	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 1800	58.1	59.4	60.8	61.0	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1500	62.8	64.9	66.6	67.3	69.0	69.1	69.6	69.6	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0
GE 1200	65.8	67.8	69.7	70.5	72.9	73.2	74.2	74.3	74.3	74.4	75.0	75.0	75.0	75.0	75.0	75.0
GE 1000	68.3	70.8	72.9	74.7	77.8	78.2	79.6	79.7	79.7	80.1	80.8	80.8	80.8	80.8	80.8	80.8
GE 900	68.6	71.0	73.2	75.5	78.8	79.2	80.5	80.8	80.8	81.5	82.1	82.1	82.1	82.1	82.1	82.1
GE 800	69.4	72.1	74.3	77.0	81.3	81.9	84.3	85.1	85.1	86.1	86.9	86.9	86.9	86.9	86.9	86.9
GE 700	69.6	72.3	74.4	77.3	82.0	82.7	85.4	86.3	86.5	87.4	88.2	88.2	88.4	88.4	88.4	88.4
GE 600	70.0	72.9	75.1	77.9	82.9	83.6	86.7	87.8	88.0	89.3	90.5	90.5	90.8	90.8	90.8	90.8
GE 500	70.4	73.3	75.5	78.5	83.8	84.4	87.7	88.8	88.9	90.8	92.3	92.4	92.8	92.8	92.8	93.1
GE 400	70.6	73.9	76.2	79.7	85.0	85.8	89.3	90.4	90.7	92.7	94.2	94.3	94.9	95.3	95.7	95.9
GE 300	70.6	73.9	76.2	79.7	85.1	85.9	89.6	90.9	91.2	93.6	95.4	95.5	96.3	96.8	97.2	97.4
GE 200	70.6	74.0	76.3	79.8	85.3	86.1	89.7	91.1	91.3	93.8	95.7	95.8	96.6	97.0	97.8	98.4
GE 100	70.6	74.0	76.3	79.8	85.3	86.1	89.7	91.2	91.5	94.0	95.9	96.1	97.0	97.6	98.5	99.3
GE 000	70.6	74.0	76.3	79.8	85.3	86.1	89.7	91.2	91.5	94.0	96.1	96.2	97.2	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	8.9	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 20000	9.3	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 18000	9.7	10.0	10.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 16000	9.7	10.0	10.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 14000	9.7	10.0	10.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 12000	10.1	10.4	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
GE 10000	10.4	10.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 9000	10.5	10.8	10.8	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 8000	10.5	10.8	10.8	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 7000	11.1	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 6000	12.7	13.0	13.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 5000	13.5	13.8	13.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 4500	13.7	14.0	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 4000	13.7	14.0	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 3500	15.6	15.9	15.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 3000	23.1	23.4	23.4	23.7	23.8	23.8	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 2500	36.1	36.5	36.7	36.9	37.1	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 2000	52.4	52.9	54.2	54.7	54.9	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1800	54.6	55.3	56.6	57.2	57.5	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 1500	61.6	62.7	64.7	65.8	67.2	67.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1200	65.9	67.7	70.5	72.5	74.3	74.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1000	68.7	70.9	74.0	76.6	79.1	79.5	81.7	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 900	69.1	71.3	74.4	77.4	80.2	80.6	82.8	83.4	83.4	84.0	84.1	84.1	84.4	84.4	84.4	84.4
GE 800	69.6	72.2	75.5	78.9	82.9	83.4	86.5	87.6	87.6	88.4	88.6	88.6	88.9	88.9	88.9	88.9
GE 700	69.9	72.5	75.8	79.2	83.2	83.7	87.0	88.4	88.4	89.3	89.6	89.6	89.9	89.9	89.9	89.9
GE 600	69.9	73.1	76.3	79.8	83.9	84.4	87.8	89.3	89.3	90.4	90.8	90.8	91.1	91.1	91.1	91.1
GE 500	70.3	73.5	76.7	80.4	84.8	85.5	89.5	91.2	91.2	92.3	92.7	92.7	93.0	93.0	93.0	93.0
GE 00	70.5	73.6	76.9	80.6	85.4	86.0	90.7	92.9	92.9	94.1	94.7	94.7	95.2	95.2	95.2	95.2
GE 10	70.5	73.6	76.9	80.6	85.4	86.0	90.8	93.4	93.4	95.1	96.3	96.3	96.9	96.9	97.1	97.1
GE 200	70.5	73.6	76.9	80.6	85.4	86.0	90.8	93.4	93.4	95.1	96.4	96.4	97.3	97.4	98.2	99.2
GE 100	70.5	73.6	76.9	80.6	85.4	86.0	90.8	93.6	93.6	95.2	96.6	96.6	97.4	97.5	98.4	99.6
GE 000	70.5	73.6	76.9	80.6	85.4	86.0	90.8	93.6	93.6	95.2	96.6	96.6	97.4	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 731

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: 21-23

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.2	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 20000	16.3	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 18000	16.3	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 16000	16.5	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 14000	16.5	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 12000	16.8	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 10000	16.9	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 9000	16.9	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 8000	16.9	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 7000	17.5	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 6000	18.6	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 5000	18.9	19.2	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 4500	19.1	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 4000	19.8	20.1	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 3500	21.0	21.3	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 3000	26.8	27.2	27.5	27.7	28.0	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 2500	35.4	36.0	36.5	36.8	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 2000	49.0	50.1	51.4	51.9	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 1800	53.1	54.5	56.0	56.6	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 1500	60.1	62.0	64.9	65.8	67.0	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9
GE 1200	63.1	65.7	70.7	72.0	74.7	75.0	75.5	75.6	75.6	75.6	75.6	75.6	75.9	75.9	75.9	75.9
GE 1000	66.7	70.3	76.6	78.2	81.5	82.0	82.6	82.8	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2
GE 900	66.7	70.3	76.6	78.5	82.0	82.5	83.2	83.4	83.4	83.4	83.4	83.4	84.0	84.0	84.0	84.0
GE 800	67.6	71.4	77.8	80.2	84.3	84.7	85.8	86.2	86.2	86.2	86.4	86.4	87.0	87.0	87.0	87.0
GE 700	67.8	71.6	77.9	80.3	85.2	85.6	86.8	87.4	87.4	87.6	87.6	87.6	88.2	88.2	88.2	88.2
GE 600	67.8	71.9	78.4	80.9	85.9	86.4	87.7	88.7	89.0	89.7	90.2	90.2	90.8	90.8	90.9	90.9
GE 500	67.8	71.9	78.4	81.2	86.8	87.3	89.0	90.0	90.3	91.2	91.7	91.7	92.7	92.9	93.2	93.2
GE 400	67.8	71.9	78.4	81.2	87.1	87.6	89.7	91.5	91.8	92.9	93.3	93.3	94.6	94.7	95.2	95.5
GE 300	67.8	71.9	78.4	81.2	87.1	87.6	89.7	91.5	92.0	93.2	94.1	94.1	95.3	95.6	96.4	96.8
GE 200	67.8	71.9	78.4	81.2	87.1	87.6	89.9	91.7	92.1	93.5	94.7	94.7	96.2	96.5	97.7	98.8
GE 100	67.8	71.9	78.4	81.2	87.1	87.6	89.9	91.7	92.1	93.5	95.0	95.0	96.7	97.1	98.3	99.8
GE 000	67.8	71.9	78.4	81.2	87.1	87.6	89.9	91.7	92.1	93.5	95.0	95.0	96.7	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.2	13.4	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9
GE 20000	13.3	13.6	13.7	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 18000	13.5	13.8	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 16000	13.6	13.8	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3
GE 14000	13.6	13.9	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 12000	13.9	14.1	14.3	14.4	14.5	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 10000	14.1	14.3	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 9000	14.2	14.4	14.6	14.7	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 8000	14.4	14.6	14.8	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1
GE 7000	15.1	15.3	15.5	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.9	15.9	15.9
GE 6000	16.3	16.5	16.8	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 5000	16.8	17.1	17.3	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7
GE 4500	17.1	17.4	17.6	17.8	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 4000	17.8	18.1	18.4	18.6	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9
GE 3500	20.1	20.4	20.7	20.9	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 3000	26.9	27.3	27.7	27.9	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 2500	36.2	36.9	37.4	37.8	38.2	38.2	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 2000	51.4	52.5	53.6	54.1	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 1800	54.9	56.2	57.7	58.4	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1500	61.6	63.6	65.7	66.7	68.1	68.1	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0
GE 1200	65.1	67.5	70.4	71.8	74.0	74.1	74.8	74.9	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 1000	68.0	71.1	74.6	76.6	79.5	79.7	80.9	81.2	81.2	81.7	81.9	81.9	82.1	82.1	82.1	82.1
GE 900	68.3	71.4	75.0	77.2	80.4	80.7	81.9	82.2	82.3	82.9	83.1	83.1	83.4	83.4	83.4	83.4
GE 800	68.8	72.1	75.9	78.6	82.8	83.2	85.1	85.7	85.8	86.9	87.3	87.3	87.5	87.6	87.6	87.6
GE 700	68.9	72.2	76.1	79.0	83.8	84.2	86.3	87.2	87.3	88.5	88.9	88.9	89.3	89.3	89.3	89.4
GE 600	69.2	72.6	76.6	79.6	84.7	85.2	87.7	88.8	89.1	90.6	91.4	91.4	91.8	91.8	91.9	91.9
GE 500	69.4	72.8	76.9	80.2	85.6	86.1	88.9	90.1	90.4	92.1	93.0	93.0	93.6	93.7	93.7	93.8
GE 400	69.4	73.0	77.0	80.6	86.3	86.8	90.0	91.4	91.8	93.6	94.6	94.6	95.3	95.4	95.6	95.7
GE 300	69.5	73.0	77.1	80.6	86.4	86.9	90.3	91.9	92.3	94.3	95.6	95.6	96.5	96.6	97.0	97.1
GE 200	69.5	73.0	77.1	80.7	86.4	87.0	90.4	92.1	92.5	94.7	96.1	96.1	97.2	97.4	98.0	98.4
GE 100	69.5	73.0	77.1	80.7	86.4	87.0	90.4	92.2	92.6	94.8	96.2	96.3	97.5	97.9	98.7	99.6
GE 000	69.5	73.0	77.1	80.7	86.4	87.0	90.4	92.2	92.6	94.8	96.2	96.3	97.5	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5689

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 00 02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 20000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 16000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 14000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 12000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 10000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 9000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 8000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 7000	16.7	16.7	16.7	16.7	16.7	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 6000	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 5000	19.5	19.5	19.7	19.7	19.8	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 4500	19.5	19.5	19.7	19.7	19.8	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 4000	21.9	21.9	22.0	22.0	22.2	22.3	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 3500	24.7	24.7	25.1	25.4	25.6	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 3000	29.9	29.9	30.4	30.9	31.0	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 2500	34.6	34.6	35.0	35.7	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 2000	44.3	44.5	45.4	46.5	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 1800	47.6	47.8	49.3	50.5	51.6	51.8	51.8	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 1500	53.5	54.6	56.4	57.8	60.0	60.2	60.3	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 1200	57.2	58.4	60.8	62.5	65.4	65.6	65.7	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 1000	60.2	61.7	64.8	67.6	71.9	72.2	72.4	72.7	72.7	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 900	61.2	63.3	66.7	69.6	74.7	75.2	75.5	75.8	75.8	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 800	62.2	64.5	68.4	71.6	77.7	78.4	79.5	80.3	80.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 700	62.5	64.8	69.0	72.4	78.9	79.8	81.2	82.0	82.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 600	62.6	65.0	69.1	73.0	80.2	81.1	83.6	85.0	85.3	86.8	87.0	87.0	87.1	87.1	87.1	87.1
GE 500	62.8	65.1	69.5	73.3	80.9	82.0	85.6	87.3	87.6	89.8	90.4	90.4	90.5	90.5	90.5	90.5
GE 400	62.9	65.3	69.6	73.6	81.6	82.6	86.4	88.1	88.5	91.3	92.4	92.4	92.7	92.9	92.9	92.9
GE 300	63.1	65.6	69.9	74.3	82.3	83.4	87.1	89.0	89.5	92.9	94.1	94.1	94.6	94.7	94.7	94.7
GE 200	63.1	65.6	69.9	74.3	82.6	83.9	87.8	89.8	90.2	93.6	95.0	95.2	96.6	96.7	97.1	97.2
GE 100	63.1	65.6	69.9	74.3	82.6	83.9	87.8	89.8	90.2	93.8	95.2	95.3	97.5	97.7	98.0	98.3
GE 000	63.1	65.6	69.9	74.3	82.6	83.9	87.8	89.8	90.2	93.8	95.2	95.3	97.7	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 20000	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 18000	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 16000	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 14000	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 12000	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 10000	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 9000	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 8000	15.1	15.1	15.1	15.1	15.1	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 7000	15.6	15.6	15.6	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 6000	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 5000	16.7	16.7	16.7	16.7	16.7	16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 4500	17.1	17.1	17.1	17.1	17.1	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 4000	18.5	18.5	18.7	18.7	18.7	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 3500	21.8	21.8	21.9	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 3000	28.0	28.3	28.7	28.9	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 2500	33.4	34.1	34.5	34.7	34.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 2000	40.9	41.9	43.0	43.4	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 1800	44.1	45.1	46.5	47.1	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 1500	52.5	54.0	56.0	56.7	59.0	59.0	59.3	59.4	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7
GE 1200	56.4	58.4	60.8	62.0	64.9	64.9	65.2	65.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 1000	59.0	61.7	64.6	66.5	70.9	70.9	72.0	72.3	72.3	72.7	73.0	73.0	73.1	73.3	73.6	73.6
GE 900	59.5	62.2	65.3	67.3	72.0	72.0	73.1	73.4	73.4	73.8	74.1	74.1	74.3	74.4	74.7	74.7
GE 800	60.5	63.4	67.3	70.0	74.8	74.8	76.2	76.5	76.7	77.2	77.8	77.8	78.1	78.2	78.5	78.5
GE 700	61.5	64.5	69.3	72.0	77.8	78.5	80.6	81.2	81.3	82.0	82.6	82.6	82.9	83.0	83.3	83.3
GE 600	61.5	64.5	69.3	72.3	79.2	80.1	82.7	83.7	84.0	84.9	85.6	85.6	86.0	86.1	86.4	86.4
GE 500	61.5	64.5	69.3	72.4	79.5	80.3	83.6	84.6	85.0	86.8	87.7	87.7	88.1	88.3	88.5	88.5
GE 400	61.5	64.5	69.4	72.6	79.8	80.8	84.4	85.4	85.9	88.5	90.2	90.2	90.9	91.1	91.4	91.4
GE 300	61.5	64.5	69.4	72.7	80.1	81.2	85.0	86.1	86.6	90.0	92.2	92.2	93.8	93.9	94.2	94.2
GE 200	61.5	64.5	69.4	72.7	80.1	81.2	85.6	86.8	87.3	90.8	93.2	93.4	95.2	95.3	95.6	95.6
GE 100	61.5	64.5	69.4	72.7	80.1	81.2	85.7	87.0	87.4	90.9	93.4	93.5	95.8	96.5	96.7	97.3
GE 000	61.5	64.5	69.4	72.7	80.1	81.2	85.7	87.0	87.4	90.9	93.4	93.5	96.0	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 707



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.2	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 20000	10.2	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 18000	10.3	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 16000	10.3	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 14000	10.3	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 12000	10.5	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
GE 10000	10.6	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 9000	10.8	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 8000	11.2	11.3	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
GE 7000	12.3	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 6000	1.2	13.3	13.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 5000	13.3	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 4500	13.3	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 4000	14.3	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 3500	17.3	17.4	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 3000	23.7	24.4	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 2500	30.7	31.4	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 2000	41.8	42.6	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1800	46.0	47.0	47.9	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0
GE 1500	53.4	54.5	56.8	57.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 1200	56.5	58.4	61.0	62.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2
GE 1000	60.2	63.0	66.7	68.8	72.1	72.1	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8
GE 900	60.6	63.9	68.1	70.7	74.1	74.2	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2
GE 800	61.8	65.2	69.7	73.7	77.6	77.8	78.8	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.5	79.5
GE 700	62.5	66.3	71.7	76.2	81.0	81.2	82.6	82.7	82.7	83.4	83.4	83.4	83.4	83.4	83.7	83.7
GE 600	62.6	66.6	72.1	76.9	82.6	82.9	84.7	85.3	85.3	86.5	86.7	86.7	86.7	87.3	87.5	87.5
GE 500	62.9	67.0	72.7	77.6	84.0	84.4	86.3	87.1	87.1	89.1	89.4	89.4	89.9	89.9	90.2	90.2
GE 400	62.9	67.0	72.8	77.8	84.6	85.1	88.0	89.1	89.2	91.8	92.1	92.1	92.6	92.6	92.9	92.9
GE 300	62.9	67.0	72.8	77.8	85.4	86.0	89.0	90.1	90.2	92.9	93.9	93.9	94.6	94.6	94.9	94.9
GE 200	62.9	67.0	72.8	77.8	85.4	86.0	89.2	90.4	90.5	93.3	94.5	94.5	95.6	95.8	96.2	96.3
GE 100	62.9	67.0	72.8	77.8	85.4	86.0	89.2	90.4	90.5	93.5	94.6	94.6	95.9	96.6	97.0	98.3
GE 000	62.9	67.0	72.8	77.8	85.4	86.0	89.4	90.5	90.7	93.6	94.8	94.8	96.0	96.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 706

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	7.2	7.2	7.5	7.6	7.6	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 20000	7.5	7.5	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 18000	7.8	7.8	8.0	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
GE 16000	7.9	8.0	8.3	8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 14000	8.2	8.3	8.6	8.7	8.7	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 12000	8.7	9.0	9.3	9.4	9.4	9.4	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 10000	8.9	9.2	9.4	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
GE 9000	9.6	9.9	10.2	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 8000	9.7	10.0	10.3	10.4	10.4	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 7000	10.2	10.4	10.7	10.9	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 6000	11.1	11.4	11.7	11.8	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 5000	11.1	11.4	11.7	11.8	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 4500	11.7	12.0	12.3	12.4	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 4000	13.7	14.0	14.2	14.4	14.5	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 3500	17.1	17.3	17.6	17.9	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 3000	25.4	25.7	26.0	26.4	26.5	26.5	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 2500	30.5	30.7	31.2	31.6	31.9	31.9	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 2000	40.3	41.0	41.9	42.3	42.6	42.6	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 1800	45.3	46.1	47.0	47.4	47.7	47.7	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 1500	52.8	54.2	56.0	56.7	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5
GE 1200	56.1	57.8	60.4	61.5	62.1	62.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
GE 1000	60.9	63.0	67.1	68.8	69.7	69.8	70.1	70.2	70.2	70.4	70.4	70.4	70.5	70.7	70.7	70.7
GE 900	62.3	64.7	69.3	71.5	72.5	72.6	72.9	73.3	73.3	73.5	73.5	73.5	73.6	73.8	73.8	73.8
GE 800	64.2	67.3	73.3	76.4	77.9	78.1	78.6	79.0	79.3	79.5	79.5	79.5	79.7	79.8	79.8	79.8
GE 700	65.2	68.4	75.0	78.6	80.3	80.8	81.4	82.1	82.4	82.7	82.7	82.7	82.8	82.9	83.1	83.1
GE 600	65.2	68.7	75.6	79.5	81.7	82.7	83.5	84.3	84.6	85.5	85.8	85.8	86.2	86.3	86.5	86.5
GE 500	65.4	69.0	76.2	80.1	83.8	84.8	86.3	87.7	88.0	89.3	89.7	89.7	90.4	90.7	91.0	91.0
GE 400	65.4	69.0	76.2	80.1	84.3	85.3	86.9	88.7	89.1	90.7	91.4	91.4	92.8	93.1	93.4	93.4
GE 300	65.6	69.1	76.3	80.3	84.5	85.5	87.0	88.9	89.4	91.5	92.5	92.5	94.1	94.6	94.9	94.9
GE 200	65.6	69.1	76.3	83.3	84.5	85.5	87.0	89.0	89.7	92.0	93.1	93.1	95.3	96.1	97.0	97.6
GE 100	65.6	69.1	76.3	80.3	84.5	85.5	87.0	89.0	89.7	92.0	93.2	93.2	95.5	96.3	97.5	99.0
GE 000	65.6	69.1	76.3	80.3	84.6	85.6	87.2	89.1	89.8	92.1	93.4	93.4	95.8	96.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 20000	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 18000	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 16000	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
GE 14000	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
GE 12000	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 10000	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 9000	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 8000	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 7000	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 6000	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 5000	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 4500	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 4000	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 3500	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 3000	28.6	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 2500	33.8	33.9	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 2000	45.0	45.7	46.2	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 1800	46.9	48.0	48.6	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 1500	55.2	56.9	57.8	58.7	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1200	58.7	60.8	62.3	63.6	64.0	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6
GE 1000	61.8	64.4	66.5	68.3	69.3	69.3	70.2	70.3	70.4	70.4	70.4	70.4	70.7	70.7	70.9	70.9
GE 900	62.0	64.8	66.9	68.9	69.9	70.0	70.9	71.0	71.1	71.1	71.3	71.3	71.6	71.6	71.7	71.7
GE 800	64.4	67.6	70.7	72.7	74.4	74.8	76.2	76.5	77.0	77.0	77.3	77.3	77.9	78.0	78.3	78.3
GE 700	65.1	68.5	73.1	75.5	78.2	79.0	80.5	81.4	81.9	81.9	82.2	82.2	82.8	82.9	83.2	83.2
GE 600	65.4	69.0	74.2	77.3	80.5	81.4	83.3	85.0	85.6	86.4	86.7	86.8	87.5	87.7	88.1	88.1
GE 500	65.7	69.3	74.8	79.0	83.2	84.2	86.1	88.2	88.9	90.2	90.8	90.9	91.9	92.0	92.6	92.6
GE 400	65.7	69.3	74.8	79.0	83.2	84.2	86.6	89.1	89.8	91.0	91.9	92.0	93.4	93.6	94.3	94.3
GE 300	65.7	69.3	74.8	79.0	83.2	84.2	86.6	89.5	90.2	91.7	93.0	93.1	94.7	95.1	96.1	96.4
GE 200	65.7	69.3	74.8	79.0	83.2	84.2	86.6	89.8	90.5	92.4	93.7	93.8	95.8	96.5	97.9	98.3
GE 100	65.7	69.3	74.8	79.0	83.2	84.2	86.6	89.8	90.5	92.4	93.7	93.8	95.8	96.6	98.2	99.0
GE 000	65.7	69.3	74.8	79.0	83.2	84.2	86.6	89.8	90.5	92.4	93.8	94.0	95.9	96.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 714

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 20000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
GE 18000	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
GE 16000	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 14000	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 12000	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 10000	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 9000	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 8000	11.3	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 7000	12.3	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 6000	13.6	13.7	13.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 5000	14.0	14.1	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 4500	14.1	14.3	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 4000	16.4	16.5	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 3500	18.9	19.0	19.3	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 3000	26.0	26.2	26.6	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 2500	31.7	31.9	32.6	33.6	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 2000	45.6	46.2	47.1	48.4	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1800	48.5	49.1	50.2	51.6	52.3	52.3	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1500	56.2	57.5	58.6	60.3	61.1	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1200	60.0	61.5	63.1	64.9	65.7	65.9	66.2	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7
GE 1000	63.5	65.2	67.7	70.2	71.9	72.2	72.4	72.7	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1
GE 900	64.3	66.7	69.5	72.0	73.7	74.1	74.4	74.7	74.7	74.8	75.0	75.0	75.1	75.1	75.1	75.1
GE 800	66.2	69.2	73.0	76.2	78.5	79.0	80.0	80.4	80.6	80.7	80.8	80.8	81.0	81.0	81.0	81.0
GE 700	66.7	70.3	74.7	78.3	81.5	82.1	83.1	84.1	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6
GE 600	67.0	70.6	75.2	79.2	83.1	83.6	85.7	87.3	87.4	87.6	8.8	87.8	88.1	88.1	88.1	88.1
GE 500	67.0	70.8	75.7	79.7	85.5	86.0	88.5	90.1	90.2	91.2	91.5	91.5	92.3	92.3	92.3	92.3
GE 400	67.0	70.9	75.8	79.9	85.9	86.4	89.9	91.7	91.9	93.3	93.7	93.7	94.5	94.5	94.5	94.5
GE 300	67.0	70.9	75.8	79.9	86.0	86.7	90.6	92.6	92.7	94.5	95.4	95.4	96.2	96.4	96.8	96.9
GE 200	67.0	70.9	75.8	79.9	86.0	86.7	90.6	93.0	93.1	95.0	95.8	95.8	96.8	96.9	97.6	98.2
GE 100	67.0	70.9	75.8	79.9	86.0	86.7	90.6	93.0	93.1	95.0	95.8	95.8	96.8	97.1	97.8	98.9
GE 000	67.0	70.9	75.8	79.9	86.0	86.7	90.6	93.0	93.1	95.0	95.8	95.8	96.8	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
GE 20000	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
GE 18000	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
GE 16000	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
GE 14000	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
GE 12000	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 10000	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 9000	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 8000	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
GE 7000	10.2	10.2	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 6000	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 5000	14.3	14.3	14.3	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 4500	14.6	14.6	14.6	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 4000	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 3500	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 3000	27.1	27.4	27.4	28.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 2500	33.1	33.4	33.5	34.7	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 2000	46.6	47.4	47.6	48.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 1800	49.2	50.2	50.4	51.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1500	57.0	58.1	58.6	59.9	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1200	59.9	61.6	62.4	63.8	65.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 1000	63.8	66.9	68.2	70.3	72.9	73.4	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 900	64.6	67.6	69.3	71.4	74.4	74.8	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 800	66.2	69.5	71.7	74.5	78.2	78.6	79.4	80.2	80.2	80.5	80.5	80.5	80.7	80.7	80.7	80.7
GE 700	67.1	71.2	74.2	77.6	81.6	82.3	83.9	85.5	85.5	85.8	85.9	85.9	86.1	86.1	86.1	86.1
GE 600	67.3	71.4	74.5	78.0	82.3	83.2	84.8	87.3	87.4	87.8	88.0	88.0	88.1	88.1	88.1	88.1
GE 500	67.3	71.4	74.5	78.5	83.5	84.6	86.5	89.0	89.2	89.9	90.5	90.5	90.8	90.8	90.8	90.8
GE 400	67.6	71.9	75.0	78.9	84.8	85.9	88.4	91.1	91.2	92.4	93.1	93.1	93.9	93.9	94.0	94.0
GE 300	67.6	71.9	75.0	78.9	84.9	86.2	88.9	91.5	91.8	93.6	94.4	94.4	95.2	95.5	95.6	95.6
GE 200	67.6	71.9	75.0	78.9	85.2	86.5	89.8	92.5	92.8	94.6	95.9	95.9	96.8	97.7	98.0	98.4
GE 100	67.6	71.9	75.0	78.9	85.2	86.5	89.8	92.5	92.8	94.6	95.9	95.9	96.8	97.8	98.4	99.1
GE 000	67.6	71.9	75.0	78.9	85.2	86.5	89.8	92.5	92.8	94.6	95.9	95.9	96.8	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 20000	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 18000	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 16000	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 14000	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 12000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 10000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 9000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 8000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 7000	13.0	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 6000	14.6	14.8	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 5000	15.0	15.1	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 4500	15.4	15.6	15.6	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 4000	18.0	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 3500	20.6	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 3000	25.2	25.4	25.4	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 2500	31.5	31.7	31.8	32.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 2000	44.7	44.9	45.3	46.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 1800	49.0	49.2	49.7	51.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1500	55.6	56.9	57.6	58.8	60.6	60.6	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 1200	60.0	61.6	62.4	63.7	65.9	65.9	66.1	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6
GE 1000	63.5	65.3	66.7	69.6	72.0	72.5	72.7	73.3	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8
GE 900	64.3	66.1	68.0	71.1	74.1	74.6	75.4	76.0	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5
GE 800	65.1	67.5	69.8	72.8	76.8	77.3	78.9	79.6	79.6	80.1	80.7	80.7	80.9	80.9	80.9	80.9
GE 700	65.9	69.0	71.9	74.9	79.1	79.6	81.8	82.5	82.5	83.0	83.6	83.6	83.8	83.8	83.8	83.8
GE 600	66.1	69.1	72.0	75.9	80.9	81.5	84.6	85.7	85.7	87.0	87.6	87.6	87.8	87.8	87.8	87.8
GE 500	66.2	69.3	72.2	76.2	82.0	82.8	86.5	87.6	87.6	89.2	90.0	90.0	90.5	90.5	90.5	90.5
GE 400	66.2	69.3	72.2	76.2	82.6	83.4	87.6	88.7	88.7	90.7	91.8	91.8	92.8	92.8	92.8	92.8
GE 300	66.2	69.3	72.2	76.2	83.1	84.1	88.9	90.0	90.2	92.4	94.1	94.1	95.5	95.5	95.5	95.5
GE 200	66.2	69.3	72.2	76.2	83.1	84.2	89.1	90.2	90.4	92.6	94.5	94.5	96.3	96.6	97.3	97.3
GE 100	66.2	69.3	72.2	76.2	83.1	84.4	89.2	90.4	90.5	92.8	94.7	94.7	96.9	97.3	98.9	99.0
GE 000	66.2	69.3	72.2	76.2	83.1	84.4	89.2	90.4	90.5	92.8	94.7	94.7	97.1	97.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
GE 20000	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 18000	11.1	11.1	11.2	11.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 16000	11.2	11.2	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 14000	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 12000	11.5	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 10000	11.6	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 9000	11.8	11.9	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 8000	12.2	12.3	12.4	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 7000	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 6000	14.3	14.4	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 5000	14.8	14.9	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 4500	15.1	15.2	15.3	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 4000	17.0	17.1	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 3500	20.0	20.1	20.3	20.5	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 3000	26.7	27.0	27.2	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 2500	32.4	32.7	33.0	33.6	34.0	34.0	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 2000	43.6	44.2	45.0	45.7	46.4	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 1800	47.0	47.8	48.7	49.6	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 1500	54.5	55.8	57.2	58.4	59.6	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1
GE 1200	58.1	59.8	61.6	63.0	64.7	64.7	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.4	65.4
GE 1000	61.6	63.9	66.6	68.8	71.3	71.5	72.0	72.2	72.2	72.4	72.6	72.6	72.6	72.7	72.8	72.8
GE 900	62.4	64.9	67.9	70.3	73.1	73.4	74.0	74.2	74.2	74.5	74.6	74.6	74.7	74.8	74.8	74.8
GE 800	63.8	66.8	70.5	73.5	77.0	77.3	78.4	78.9	79.0	79.5	79.7	79.7	79.9	79.9	80.0	80.0
GE 700	64.6	67.9	72.4	75.7	79.8	80.4	81.9	82.7	82.8	83.3	83.5	83.5	83.7	83.8	83.9	83.9
GE 600	64.7	68.1	72.8	76.6	81.3	82.1	84.1	85.4	85.7	86.5	86.9	86.9	87.3	87.3	87.5	87.5
GE 500	64.9	68.3	73.2	77.2	82.8	83.7	86.2	87.7	88.0	89.4	90.0	90.0	90.6	90.6	90.8	90.8
GE 400	64.9	68.4	73.3	77.3	83.4	84.3	87.3	89.0	89.3	91.2	92.1	92.1	93.0	93.1	93.3	93.3
GE 300	65.0	68.5	73.3	77.4	83.7	84.7	87.9	89.7	90.1	92.4	93.7	93.7	94.8	95.0	95.3	95.4
GE 200	65.0	68.5	73.3	77.4	83.8	84.8	88.2	90.2	90.6	93.0	94.5	94.5	96.0	96.4	97.1	97.4
GE 100	65.0	68.5	73.3	77.4	83.8	84.8	88.2	90.2	90.6	93.1	94.5	94.6	96.3	97.0	97.8	98.6
GE 000	65.0	68.5	73.3	77.4	83.8	84.8	88.3	90.3	90.6	93.1	94.6	94.7	96.5	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5501

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	7.0	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
GE 20000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 18000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 16000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 14000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 12000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 10000	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 9000	7.3	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
GE 8000	7.5	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 7000	7.9	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 6000	8.4	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 5000	8.4	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 4500	8.9	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 4000	9.6	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
GE 3500	10.7	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 3000	13.3	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 2500	19.5	19.8	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 2000	31.9	32.7	33.0	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1800	35.6	36.8	37.3	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 1500	44.4	46.0	47.0	47.5	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 1200	52.4	54.2	55.7	56.3	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	60.8	64.7	67.3	69.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 900	62.0	66.0	68.7	70.4	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 800	64.1	68.9	72.5	75.6	78.6	78.6	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 700	65.0	70.2	74.2	77.3	81.1	81.1	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 600	65.3	70.7	75.1	79.1	83.7	83.7	84.9	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 500	65.6	71.1	76.5	81.1	86.3	86.3	87.8	88.2	88.2	89.0	89.5	89.5	89.5	89.5	89.5	89.5
GE 400	65.6	71.1	76.5	81.5	86.9	86.9	88.9	89.5	89.5	91.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 300	65.6	71.1	76.6	81.7	87.8	87.8	90.2	91.1	91.1	92.8	93.9	94.0	94.7	94.7	94.8	94.8
GE 200	65.6	71.1	76.6	81.7	87.9	87.9	90.5	91.5	91.5	94.0	95.1	95.3	96.9	97.4	97.6	98.0
GE 100	65.6	71.1	76.6	81.7	88.1	88.1	91.0	91.9	91.9	94.7	95.7	95.9	97.7	98.3	98.9	99.8
GE 000	65.6	71.1	76.6	81.7	88.1	88.1	91.0	91.9	91.9	94.7	95.7	95.9	97.9	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 655



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 20000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 18000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 16000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 14000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 12000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 10000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 9000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 8000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 7000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 6000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 5000	9.2	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 4500	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 4000	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 3500	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 3000	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 2500	21.6	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 2000	34.4	34.9	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 1800	37.0	37.7	38.0	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 1500	45.9	47.6	48.3	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 1200	54.2	56.3	57.5	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.1	59.1	59.1
GE 1000	61.0	64.4	66.3	68.6	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.4	70.4	70.4
GE 900	62.6	65.9	67.9	70.4	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.9	73.0	73.0	73.0
GE 800	65.6	69.6	74.0	77.9	80.4	80.6	81.7	81.7	81.7	81.8	81.8	81.8	82.1	82.3	82.3	82.3
GE 700	65.6	69.7	74.4	79.1	81.6	82.0	83.4	83.4	83.4	83.5	83.5	83.5	83.8	83.9	83.9	83.9
GE 600	65.8	70.0	75.4	80.3	84.1	84.6	86.2	86.2	86.2	86.3	86.3	86.3	86.7	86.9	86.9	86.9
GE 500	66.1	70.5	77.1	82.7	87.7	88.3	89.8	90.1	90.1	90.6	90.8	90.8	91.5	91.6	91.6	91.6
GE 400	66.1	70.7	77.4	83.1	88.4	89.1	90.8	91.2	91.2	92.0	92.7	92.7	93.6	93.7	93.7	93.7
GE 300	66.1	70.7	77.5	83.2	89.1	89.9	91.6	92.0	92.0	93.3	94.0	94.0	95.3	95.4	95.5	95.5
GE 200	66.1	70.7	77.5	83.2	89.4	90.2	91.9	92.3	92.3	94.3	95.0	95.0	97.6	97.8	97.9	98.2
GE 100	66.1	70.7	77.5	83.2	89.4	90.2	91.9	92.5	92.5	94.8	95.5	95.5	98.6	98.9	99.4	99.9
GE 000	66.1	70.7	77.5	83.2	89.4	90.2	91.9	92.5	92.5	94.8	95.5	95.5	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 716

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 20000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 18000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 16000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 14000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 12000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 10000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 9000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 8000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
GE 7000	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
GE 6000	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 5000	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 4500	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 4000	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 3500	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 3000	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 2500	17.8	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 2000	29.3	30.4	30.9	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 1800	31.8	32.9	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 1500	45.0	47.2	48.2	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.2
GE 1200	52.6	54.8	55.8	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 1000	60.9	63.3	64.6	66.0	67.0	67.0	67.5	67.5	67.5	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 900	63.1	65.6	67.1	68.8	69.8	69.8	70.3	70.3	70.3	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 800	67.8	71.3	73.5	76.0	77.2	77.2	78.2	78.2	78.2	78.7	78.7	78.7	78.9	78.9	78.9	78.9
GE 700	68.9	72.9	75.6	78.7	80.4	80.7	81.8	81.8	81.8	82.3	82.3	82.3	82.5	82.5	82.5	82.5
GE 600	69.6	73.9	76.8	80.9	83.7	84.1	85.5	85.6	85.6	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 500	70.4	75.0	78.7	83.6	87.4	88.0	89.8	90.1	90.1	90.7	90.7	90.7	91.3	91.3	91.3	91.3
GE 400	70.7	75.3	79.3	84.3	88.5	89.1	91.0	91.4	91.4	92.5	92.8	92.8	93.5	93.5	93.5	93.5
GE 300	70.7	75.3	79.3	84.4	89.1	89.9	91.9	92.4	92.4	93.8	94.2	94.2	95.4	95.7	96.0	96.0
GE 200	70.7	75.3	79.3	84.5	89.2	90.1	92.1	92.8	92.8	94.9	95.4	95.4	97.9	98.3	98.8	98.9
GE 100	70.7	75.3	79.3	84.5	89.2	90.1	92.1	93.0	93.0	95.3	95.9	95.9	98.5	98.9	99.3	99.9
GE 000	70.7	75.3	79.3	84.5	89.2	90.1	92.1	93.0	93.0	95.3	95.9	95.9	98.5	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 05-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 20000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 18000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 16000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 14000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 12000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8
GE 10000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.0
GE 9000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.0
GE 8000	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
GE 7000	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4
GE 6000	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6
GE 5000	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8
GE 4500	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9
GE 4000	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.5
GE 3500	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1
GE 3000	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.5
GE 2500	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.3
GE 2000	30.1	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.1
GE 1800	34.2	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2
GE 1500	43.8	44.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3
GE 1200	48.8	49.7	50.5	50.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2
GE 1000	62.6	64.1	65.3	65.9	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 900	64.7	66.3	67.9	69.0	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 800	68.8	70.5	73.6	75.2	75.9	75.9	76.2	76.2	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.7
GE 700	71.5	73.6	77.1	78.9	79.9	80.0	80.4	80.4	80.4	80.5	80.8	80.8	80.8	80.8	80.8	81.0
GE 600	71.6	74.1	77.8	80.5	82.1	82.3	83.0	83.0	83.0	83.2	83.6	83.6	83.6	83.6	83.6	83.7
GE 500	72.7	75.5	79.7	83.2	85.3	86.0	87.0	87.0	87.0	87.1	87.7	87.7	87.7	87.7	87.7	87.8
GE 400	73.3	76.0	80.8	84.8	87.5	88.6	90.7	91.2	91.2	91.6	92.2	92.2	92.3	92.3	92.3	92.5
GE 300	73.3	76.0	81.1	85.2	88.1	89.3	92.3	93.2	93.2	93.8	94.4	94.4	94.7	94.7	94.7	94.8
GE 200	73.3	76.0	81.1	85.2	88.2	89.5	92.5	93.4	93.4	94.5	95.2	95.2	95.8	95.9	96.2	96.7
GE 100	73.3	76.0	81.1	85.2	88.2	89.5	92.6	93.7	93.7	94.8	95.5	95.5	96.3	96.6	97.3	97.9
GE 000	73.3	76.0	81.1	85.2	88.2	89.5	92.6	93.7	93.7	94.8	95.5	95.5	96.3	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 730

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 20000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 18000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 16000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 14000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 12000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 10000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 9000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 8000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
GE 7000	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
GE 6000	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
E 5000	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
GE 4500	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 4000	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
GE 3500	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 3000	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 2500	20.5	20.5	20.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 2000	32.9	33.2	33.4	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 1800	35.5	36.0	36.3	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 1500	45.0	45.6	46.4	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1200	52.3	52.9	54.2	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1000	62.8	64.4	66.0	67.3	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 900	66.3	68.3	70.0	71.2	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 800	69.0	71.5	74.4	75.6	77.8	77.9	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6
GE 700	70.4	73.7	77.1	78.3	80.8	81.2	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0
GE 600	70.9	74.8	78.3	79.8	82.9	83.6	84.2	84.3	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7
GE 500	71.5	75.7	79.5	81.4	86.1	87.0	87.7	87.9	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5
GE 400	71.6	75.9	79.9	81.9	87.7	88.8	90.0	90.3	90.5	91.3	91.5	91.5	91.7	91.7	91.8	91.8
GE 300	71.6	76.3	80.4	82.4	88.7	89.8	91.7	92.4	92.6	93.7	94.3	94.3	94.7	94.7	95.0	95.0
GE 200	71.6	76.3	80.4	82.4	89.4	90.5	92.4	93.0	93.3	94.5	95.5	95.5	96.0	96.2	97.0	97.0
GE 100	71.6	76.3	80.4	82.4	89.4	90.5	92.4	93.0	93.5	94.8	95.9	95.9	96.7	97.0	98.2	98.5
GE 000	71.6	76.3	80.4	82.4	89.4	90.5	92.4	93.0	93.5	94.8	95.9	95.9	96.7	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 20000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 18000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 16000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 14000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 12000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 10000	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
GE 9000	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
GE 8000	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
GE 7000	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
GE 6000	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 5000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 4500	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 4000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 3500	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 3000	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 2500	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 2000	33.5	33.6	33.6	33.7	33.7	33.7	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 1800	36.3	36.5	36.5	36.6	36.7	36.7	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 1500	44.9	45.0	45.2	45.3	45.6	45.6	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 1200	51.2	51.3	51.8	52.2	52.7	52.7	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1000	63.4	64.2	65.4	66.5	67.5	67.5	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 900	65.4	66.7	68.0	69.3	70.6	70.6	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 800	67.2	68.8	70.6	72.1	74.3	74.6	75.2	75.6	75.9	75.9	76.2	76.2	76.3	76.3	76.3	76.3
GE 700	69.8	71.6	73.3	74.8	78.0	78.4	79.0	79.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1
GE 600	70.7	72.9	75.4	77.3	81.4	82.0	83.0	83.7	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6
GE 500	71.7	74.1	77.0	79.5	84.6	85.3	86.5	87.3	87.6	88.2	88.4	88.4	88.6	88.6	88.7	88.7
GE 400	72.1	74.6	77.6	80.1	85.6	86.4	88.4	89.4	89.8	90.9	91.6	91.6	91.7	91.7	92.2	92.2
GE 300	72.1	74.6	77.7	80.7	86.4	87.2	89.8	91.0	91.4	92.8	93.9	93.9	94.1	94.3	95.0	95.0
GE 200	72.2	74.7	77.8	80.8	86.5	87.3	90.1	91.4	91.8	93.3	95.0	95.0	95.6	96.1	96.9	97.1
GE 100	72.4	74.8	78.0	81.0	86.7	87.5	90.2	91.6	92.0	93.6	95.4	95.4	96.1	96.6	97.6	98.4
GE 000	72.4	74.8	78.0	81.0	86.7	87.5	90.2	91.6	92.0	93.6	95.4	95.4	96.5	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 20000	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 18000	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 16000	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 14000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 12000	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
GE 10000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
GE 9000	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
GE 8000	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
GE 7000	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
GE 6000	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
GE 5000	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 4500	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 4000	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 3500	10.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 3000	13.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 2500	19.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 2000	28.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 1800	32.2	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 1500	43.0	43.3	43.7	43.9	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 1200	50.4	51.5	52.2	52.6	52.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 1000	60.1	62.0	63.2	64.	65.0	65.0	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 900	61.3	63.6	65.0	65.8	67.1	67.1	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 800	63.6	66.7	68.9	70.2	72.3	72.4	73.6	73.7	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1
GE 700	65.1	68.4	70.6	72.4	75.8	75.9	77.1	77.2	77.2	77.4	77.8	77.8	78.1	78.1	78.1	78.1
GE 600	66.4	70.0	73.4	76.2	81.2	81.4	82.8	83.3	83.3	83.4	83.8	83.8	84.1	84.1	84.1	84.1
GE 500	67.2	71.2	75.2	78.1	83.3	83.5	85.2	86.2	86.2	86.4	86.9	86.9	87.2	87.2	87.3	87.3
GE 400	67.5	71.6	75.8	79.5	85.5	86.1	88.0	89.0	89.0	89.7	90.4	90.4	90.9	90.9	91.1	91.1
GE 300	67.5	71.6	75.8	79.7	86.1	86.8	89.7	91.0	91.1	92.0	92.7	92.7	93.4	93.5	94.4	94.4
GE 200	67.7	71.7	75.9	79.9	86.4	87.1	90.0	91.3	91.4	92.5	93.5	93.5	94.5	94.8	95.9	96.1
GE 100	67.7	71.7	75.9	79.9	86.4	87.1	90.0	91.3	91.4	92.5	93.5	93.5	94.7	95.1	96.3	98.6
GE 000	67.7	71.7	75.9	79.9	86.4	87.1	90.0	91.3	91.4	92.5	93.5	93.5	94.9	95.4	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
GE 20000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 18000	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
GE 16000	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
GE 14000	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
GE 12000	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
GE 10000	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
GE 9000	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 8000	7.6	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 7000	7.6	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 6000	8.1	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 5000	8.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 4500	9.2	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 4000	10.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
GE 3500	11.9	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 3000	13.4	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 2500	17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 2000	26.5	27.1	27.5	27.5	27.5	27.5	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 1800	28.5	29.3	29.6	29.6	29.6	29.6	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 1500	41.3	42.6	43.2	43.2	43.4	43.4	43.7	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1200	49.8	51.6	52.6	52.9	53.0	53.0	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1000	59.0	62.2	63.5	64.6	65.7	65.8	66.3	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 900	61.0	64.6	65.8	66.9	68.0	68.2	68.6	68.8	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 800	62.9	67.7	70.0	71.6	73.5	73.6	74.1	74.3	74.3	74.9	75.4	75.4	75.4	75.4	75.4	75.4
GE 700	63.3	68.3	71.0	73.2	75.8	76.0	76.6	76.9	76.9	77.5	78.0	78.0	78.0	78.0	78.0	78.0
GE 600	64.4	70.0	73.3	76.4	80.0	80.2	81.7	82.2	82.2	82.8	83.3	83.3	83.3	83.3	83.3	83.3
GE 500	64.7	70.7	74.3	78.2	82.1	82.2	85.0	85.6	85.6	86.3	86.7	86.7	86.7	86.7	86.7	86.7
GE 400	64.7	70.7	74.7	78.9	83.8	83.9	87.1	87.7	87.7	88.8	89.7	89.7	89.7	89.7	89.7	89.7
GE 300	64.7	70.8	74.9	79.1	84.4	84.7	89.1	90.5	90.6	91.9	93.1	93.4	93.4	93.4	94.1	94.1
GE 200	64.7	70.8	74.9	79.1	84.4	84.7	89.1	90.6	90.8	92.9	94.2	94.5	94.9	95.2	96.3	96.4
GE 100	64.7	70.8	74.9	79.1	84.4	84.7	89.1	90.6	90.8	93.0	94.5	94.9	95.3	96.1	98.1	99.7
GE 000	64.7	70.8	74.9	79.1	84.4	84.7	89.1	90.6	90.8	93.0	94.5	94.9	95.3	96.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: ALL

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1
GE 20000	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 18000	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
GE 16000	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
GE 14000	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3
GE 12000	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 10000	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
GE 9000	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
GE 8000	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
GE 7000	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
GE 6000	8.8	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
GE 5000	9.3	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
GE 4500	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8
GE 4000	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 3500	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 3000	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 2500	19.2	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	GE 2000
30.9	31.5	31.7	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 1800	34.0	34.6	34.9	35.1	35.1	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 1500	44.2	45.3	45.9	46.2	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
GE 1200	51.4	52.8	53.8	54.3	54.7	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1
GE 1000	61.4	63.7	65.2	66.5	67.5	67.5	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 900	63.4	65.9	67.6	69.0	70.3	70.3	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 800	66.2	69.4	72.2	74.3	76.3	76.4	77.1	77.2	77.2	77.4	77.6	77.6	77.7	77.8	77.8	77.8
GE 700	67.6	71.1	74.2	76.6	79.2	79.4	80.3	80.4	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.0
GE 600	68.2	72.1	75.7	78.9	82.4	82.8	83.9	84.2	84.2	84.5	84.7	84.7	84.9	84.9	84.9	84.9
GE 500	68.9	73.1	77.3	81.0	85.4	85.9	87.4	87.8	87.9	88.3	88.7	88.7	88.9	88.9	88.9	89.0
GE 400	69.1	73.3	77.8	81.8	86.8	87.4	89.4	90.0	90.1	91.0	91.7	91.7	92.0	92.0	92.1	92.1
GE 300	69.1	73.4	78.0	82.1	87.5	88.2	90.8	91.7	91.9	93.0	93.8	93.9	94.5	94.6	94.9	95.0
GE 200	69.1	73.4	78.0	82.2	87.7	88.5	91.1	92.1	92.2	93.9	94.9	94.9	96.2	96.5	97.1	97.3
GE 100	69.1	73.4	78.0	82.2	87.8	88.5	91.2	92.2	92.4	94.2	95.3	95.3	96.7	97.2	98.1	99.1
GE 000	69.1	73.4	78.0	82.2	87.8	88.5	91.2	92.2	92.4	94.2	95.3	95.3	96.8	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5645



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: JUL 43 - NOV 50  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.6	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.5
GE 20000	3.3	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.2
GE 18000	3.3	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.2
GE 16000	3.3	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.2
GE 14000	3.3	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.2
GE 12000	3.3	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.2
GE 10000	4.0	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.8
GE 9000	4.2	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.8	4.8	4.8	4.8	4.8	5.1
GE 8000	4.4	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.3
GE 7000	4.6	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.5
GE 6000	4.6	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.5
GE 5000	4.6	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.5
GE 4500	4.6	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.5
GE 4000	4.8	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.7
GE 3500	5.7	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.4	6.4	6.4	6.4	6.4	6.4	6.6
GE 3000	6.4	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.3
GE 2500	8.1	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.5
GE 2000	13.0	13.7	14.3	14.3	14.5	14.5	14.5	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8	15.0
GE 1800	15.2	16.1	16.7	16.7	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.4
GE 1500	20.3	21.1	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.7
GE 1200	24.9	26.9	27.8	27.8	28.2	28.2	28.2	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.6
GE 1000	35.9	39.2	40.3	40.7	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.9
GE 900	38.8	42.7	43.8	44.3	44.9	44.9	44.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.6
GE 800	42.1	46.3	48.0	48.9	49.6	49.6	50.0	50.2	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.9
GE 700	44.9	49.8	51.5	52.4	53.7	53.7	54.8	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.7
GE 600	48.0	53.3	55.7	57.7	61.0	61.0	62.6	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.4
GE 500	48.7	54.2	57.9	60.4	64.1	64.1	66.3	66.5	66.5	67.4	67.6	67.6	67.6	67.6	67.6	67.8
GE 400	49.3	55.3	59.5	62.6	66.5	67.2	71.6	72.0	72.0	73.3	73.8	73.8	74.4	74.4	74.7	74.9
GE 300	49.3	55.5	59.9	64.8	70.9	71.8	76.4	77.3	77.3	78.9	79.5	79.5	80.4	80.4	80.8	81.1
GE 200	49.3	55.7	60.1	65.0	72.0	73.1	78.4	79.7	79.7	82.2	83.7	83.7	85.7	85.7	87.2	87.4
GE 100	49.3	55.7	60.4	65.2	72.2	73.3	78.6	80.0	80.0	82.8	85.2	85.2	88.1	88.8	92.7	93.2
GE 000	49.3	55.7	60.4	65.2	72.2	73.3	78.6	80.0	80.0	82.8	85.2	85.2	88.1	88.8	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 454

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.2	2.6	2.8	2.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.1
GE 20000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 18000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 16000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 14000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 12000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 10000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 9000	2.8	3.2	3.5	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.8
GE 8000	3.0	3.5	3.7	3.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.0
GE 7000	3.0	3.5	3.7	3.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.0
GE 6000	3.5	3.9	4.1	4.1	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.4
GE 5000	3.7	4.1	4.3	4.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.8
GE 4500	4.1	4.5	4.8	4.8	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.3
GE 4000	4.3	4.8	5.0	5.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.5
GE 3500	5.0	5.4	5.6	5.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.1
GE 3000	6.0	6.5	6.7	6.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.2
GE 2500	8.6	9.1	9.3	9.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.8
GE 2000	15.3	15.8	16.2	16.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.9
GE 1800	16.8	17.3	17.7	17.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.7
GE 1500	22.2	22.7	23.1	23.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	25.3
GE 1200	29.2	29.8	30.5	30.5	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.5
GE 1000	36.3	37.1	39.1	39.3	41.7	41.7	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	43.0
GE 900	38.4	39.5	41.5	41.7	44.1	44.1	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.4
GE 800	42.3	44.3	47.7	48.2	51.2	51.2	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.7
GE 700	45.6	48.2	52.1	52.5	57.0	57.0	58.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.6
GE 600	47.5	50.8	54.9	56.4	61.8	62.0	63.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.2
GE 500	48.8	52.3	57.0	59.4	66.1	66.3	67.4	68.9	68.9	70.4	70.4	70.4	70.4	70.4	70.4	71.1
GE 400	50.3	54.4	60.0	62.6	70.4	70.6	71.9	73.7	73.9	75.4	75.6	75.6	75.8	75.8	75.8	76.5
GE 300	50.8	55.1	60.9	64.1	73.4	73.9	76.5	78.6	78.8	80.6	82.1	82.1	82.5	82.5	82.9	83.6
GE 200	50.8	55.1	61.3	64.6	75.6	76.0	79.9	82.3	82.5	85.3	87.3	87.3	88.8	88.8	89.2	89.8
GE 100	50.8	55.1	61.3	64.6	75.6	76.0	79.9	82.5	82.7	86.0	88.3	88.3	91.4	91.4	93.1	94.0
GE 000	50.8	55.1	61.3	64.6	76.0	76.5	80.3	82.9	83.2	86.6	89.0	89.0	92.0	92.0	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 463

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
GE 20000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
GE 18000	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
GE 16000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
GE 14000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
GE 12000	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
GE 10000	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
GE 9000	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.9
GE 8000	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.9
GE 7000	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.9
GE 6000	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4
GE 5000	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1
GE 4500	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3
GE 4000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.1	6.1
GE 3500	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.3
GE 3000	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.9	6.9
GE 2500	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.5	9.5
GE 2000	16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.8	16.8
GE 1800	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.5	18.5
GE 1500	23.2	24.0	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.8	24.8
GE 1200	28.8	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.9	30.9
GE 1000	33.9	35.6	36.2	36.2	36.8	36.8	36.8	36.8	36.8	37.1	37.3	37.3	37.3	37.3	37.5	37.5
GE 900	36.4	38.1	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.6	39.8	39.8	39.8	39.8	40.0	40.0
GE 800	40.8	43.4	45.5	45.9	47.4	47.4	47.4	47.4	47.4	47.6	47.8	47.8	47.8	47.8	48.0	48.0
GE 700	44.0	47.6	50.3	50.9	53.9	53.9	53.9	53.9	53.9	54.1	54.3	54.3	54.3	54.3	54.5	54.5
GE 600	45.5	49.3	52.4	53.3	58.3	58.3	58.3	58.5	58.5	58.9	59.2	59.2	59.2	59.2	59.4	59.4
GE 500	47.2	51.6	55.6	57.1	62.9	62.9	63.4	63.6	63.6	64.8	65.1	65.1	65.1	65.3	65.5	65.5
GE 400	48.6	53.5	58.1	59.8	67.2	67.4	68.2	68.4	68.4	70.1	70.5	70.5	70.5	70.7	70.9	70.9
GE 300	48.8	53.9	59.6	61.7	70.5	71.4	72.6	74.5	74.5	77.1	77.9	77.9	78.1	78.3	78.5	78.5
GE 200	48.8	54.1	59.8	62.1	72.2	73.1	76.2	78.3	78.7	83.4	84.4	84.4	85.5	86.5	87.6	87.6
GE 100	48.8	54.1	59.8	62.1	72.2	73.3	76.6	78.7	79.2	84.2	86.1	86.1	87.4	89.1	90.9	92.0
GE 000	48.8	54.1	59.8	62.1	72.2	73.3	76.8	78.9	79.4	84.4	86.3	86.3	87.6	89.5	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 475

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 20000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 18000	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
GE 16000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
GE 14000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
GE 12000	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
GE 10000	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
GE 9000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
GE 8000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 7000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 6000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8	5.8	5.8	5.8
GE 5000	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.6	6.6
GE 4500	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
GE 4000	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2	7.2	7.2
GE 3500	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.4	7.4
GE 3000	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.7	8.7	8.7
GE 2500	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0
GE 2000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.5	15.5	15.5
GE 1800	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1
GE 1500	21.7	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.1
GE 1200	25.0	26.0	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7
GE 1000	31.4	32.4	32.9	33.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 900	34.1	35.3	36.0	36.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2
GE 800	39.0	40.9	42.8	44.2	45.5	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.9	45.9	45.9	45.9
GE 700	43.8	46.1	48.4	50.8	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.9	52.9	52.9	52.9
GE 600	48.8	51.4	55.2	58.3	60.1	60.1	60.3	60.3	60.3	60.3	60.5	60.5	60.7	60.7	60.7	60.7
GE 500	51.4	54.3	58.7	62.8	66.5	67.1	67.6	67.6	67.6	68.0	68.2	68.2	68.4	68.4	68.4	68.4
GE 400	52.7	56.4	61.6	66.1	71.7	72.5	74.8	74.8	74.8	75.6	75.8	75.8	76.0	76.0	76.0	76.0
GE 300	52.7	56.8	62.8	68.0	74.6	75.4	79.1	80.2	80.2	82.0	82.8	82.8	82.9	82.9	82.9	83.1
GE 200	52.7	56.8	62.8	68.0	74.6	75.4	79.5	80.6	80.6	83.7	84.5	84.5	85.3	85.3	86.0	86.8
GE 100	52.7	56.8	62.8	68.0	74.6	75.4	79.7	80.8	80.8	85.1	86.6	86.6	89.0	89.3	90.3	91.1
GE 000	52.7	56.8	62.8	68.0	74.6	75.4	79.7	80.8	80.8	85.1	86.6	86.6	89.0	89.3	90.7	100.0

TOTAL NUMBER OF OBSERVATIONS 516

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
GE 20000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 18000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 16000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 14000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 12000	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
GE 10000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
GE 9000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
GE 8000	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
GE 7000	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
GE 6000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 5000	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 4500	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 4000	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 3500	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 3000	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
GE 2500	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 2000	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.4	17.4	17.4
GE 1800	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.5	18.5	18.5
GE 1500	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.3	22.3	22.3
GE 1200	26.0	26.3	26.7	27.0	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.6	27.6	27.6
GE 1000	35.4	36.7	37.6	37.9	38.1	38.1	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.8	38.8	38.8
GE 900	38.7	40.1	41.0	41.4	41.6	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.3	42.3
GE 800	44.1	45.7	47.5	47.9	48.1	48.1	48.5	48.6	48.6	48.8	48.8	48.8	48.8	49.2	49.2	49.2
GE 700	50.6	52.6	55.0	55.5	56.4	56.4	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.7	57.7	57.7
GE 600	53.7	55.9	59.0	60.6	62.1	62.3	62.8	63.0	63.0	63.3	63.3	63.3	63.3	63.7	63.7	63.7
GE 500	56.8	59.2	62.6	65.2	68.1	68.8	69.5	69.9	69.9	71.0	71.0	71.0	71.0	71.3	71.3	71.3
GE 400	59.7	62.4	66.4	69.7	73.3	74.2	75.3	75.9	75.9	77.3	77.3	77.3	77.3	77.9	77.9	77.9
GE 300	59.9	62.8	67.0	70.2	75.3	76.6	78.9	79.9	80.0	82.0	82.6	82.6	82.6	83.7	84.0	84.4
GE 200	60.1	63.2	67.3	70.6	75.9	77.1	79.9	81.5	81.9	84.2	84.9	84.9	84.9	86.8	87.1	88.4
GE 100	60.1	63.3	67.5	70.8	76.2	77.5	80.2	82.0	82.4	85.7	86.4	86.4	86.4	89.5	89.8	91.5
GE 000	60.1	63.3	67.5	70.8	76.2	77.5	80.2	82.0	82.4	85.7	86.4	86.4	86.4	89.5	90.2	92.0

TOTAL NUMBER OF OBSERVATIONS 551

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
GE 20000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
GE 18000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 16000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 14000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 12000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 10000	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
GE 9000	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 8000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
GE 7000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 6000	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 5000	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 4500	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
GE 4000	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
GE 3500	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 3000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 2500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 2000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 1800	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 1500	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 1200	27.2	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 1000	37.1	38.3	39.0	39.7	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 900	40.4	41.6	42.3	43.0	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 800	46.7	48.1	48.8	49.8	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 700	52.6	54.7	56.3	57.7	58.9	59.1	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 600	56.6	59.8	61.8	64.3	66.0	66.4	67.1	67.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 500	59.2	62.7	65.2	68.8	71.8	72.1	73.3	73.7	73.9	74.4	74.6	74.6	74.9	74.9	74.9	74.9
GE 400	60.3	63.9	66.7	71.1	74.4	74.7	76.8	77.4	77.5	78.2	78.9	78.9	79.8	79.8	79.8	79.8
GE 300	60.5	64.1	67.1	71.6	75.4	76.1	79.3	80.5	80.7	81.9	83.4	83.4	84.5	84.8	84.8	84.8
GE 200	60.5	64.1	67.2	71.8	75.8	77.0	80.7	82.2	82.4	84.5	87.1	87.1	89.0	89.9	90.8	91.1
GE 100	60.5	64.1	67.4	72.0	76.0	77.4	81.2	82.8	82.9	85.9	88.5	88.5	91.3	92.5	94.1	95.1
GE 000	60.5	64.1	67.4	72.0	76.1	77.5	81.4	82.9	83.1	86.1	88.9	88.9	91.6	93.2	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 574

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 20000	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 18000	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
GE 16000	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
GE 14000	7.1	7.1	7.1	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 12000	7.3	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
GE 10000	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 9000	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 8000	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
GE 7000	9.6	9.6	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 6000	11.1	11.1	11.1	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 5000	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 4500	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 4000	11.4	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 3500	11.4	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 3000	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 2500	12.3	12.3	12.3	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 2000	17.0	17.0	17.1	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 1800	17.9	17.9	18.0	18.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 1500	21.8	22.0	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 1200	27.0	27.3	27.5	27.7	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 1000	36.3	36.6	36.8	37.7	38.2	38.2	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 900	39.3	40.0	40.4	41.6	42.3	42.3	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 800	43.9	45.4	46.3	48.4	49.5	49.5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 700	50.5	53.0	53.9	56.6	58.6	58.8	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 600	53.8	57.1	58.6	61.8	65.0	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 500	55.7	59.6	61.6	65.7	69.5	69.6	70.2	70.7	70.7	70.9	70.9	70.9	71.3	71.3	71.3	71.3
GE 400	56.6	60.5	62.9	67.5	71.4	71.6	73.0	73.6	73.6	73.8	74.3	74.3	74.6	74.6	75.0	75.0
GE 300	56.6	61.1	63.6	68.9	73.8	74.3	75.9	76.6	76.6	77.5	79.6	79.6	80.7	80.7	81.4	81.4
GE 200	56.6	61.1	63.6	68.9	74.1	74.8	77.9	78.9	79.3	80.5	83.0	83.0	84.6	85.7	87.9	88.4
GE 100	56.6	61.1	63.6	63.9	74.3	75.0	78.0	79.3	79.6	80.9	84.3	84.3	87.3	88.8	92.5	94.1
GE 000	56.6	61.1	63.6	68.9	74.3	75.0	78.0	79.3	79.6	80.9	84.3	84.3	87.3	88.8	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 20000	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
GE 18000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 16000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 14000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 12000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 10000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 9000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 8000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
GE 7000	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
GE 6000	7.6	7.6	7.6	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 5000	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 4500	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 4000	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 3500	8.2	8.2	8.2	8.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 3000	8.2	8.2	8.2	8.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 2500	8.8	8.8	8.8	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
GE 2000	13.5	13.5	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 1800	14.1	14.1	14.1	14.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 1500	19.1	19.3	19.3	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 1200	25.9	26.3	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 1000	35.1	36.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 900	36.5	37.6	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 800	42.2	44.0	44.8	45.4	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 700	49.0	51.8	52.6	53.2	54.6	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 600	51.0	54.0	56.2	57.6	60.0	60.2	61.6	61.6	61.6	61.8	62.0	62.0	62.0	62.0	62.2	62.2
GE 500	51.8	54.8	57.4	59.2	62.0	62.4	63.7	64.5	64.5	64.9	65.1	65.1	65.1	65.3	65.5	65.5
GE 400	53.0	56.2	59.2	61.4	65.3	65.7	67.1	68.3	68.3	68.7	68.9	68.9	68.9	69.1	69.3	69.3
GE 300	54.2	57.4	60.4	63.3	69.1	69.7	71.5	73.5	73.7	75.1	76.3	76.3	77.3	77.9	78.3	78.3
GE 200	54.2	57.6	60.6	63.5	69.5	70.1	72.5	75.1	75.7	77.9	80.9	80.9	82.7	83.9	85.9	85.9
GE 100	54.2	57.6	60.6	63.5	69.7	70.3	72.7	75.7	76.3	79.1	83.1	83.1	85.9	87.1	91.6	93.4
GE 000	54.2	57.6	60.6	63.5	69.7	70.3	72.7	75.7	76.3	79.1	83.1	83.1	86.1	87.5	92.6	100.0

TOTAL NUMBER OF OBSERVATIONS 502



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	3.9	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3
GE 20000	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5
GE 18000	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
GE 16000	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9
GE 14000	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0
GE 12000	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.1
GE 10000	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 9000	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.5
GE 8000	5.6	5.7	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.0
GE 7000	6.3	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7
GE 6000	6.8	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3
GE 5000	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.7
GE 4500	7.4	7.4	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.8
GE 4000	7.7	7.8	7.8	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2
GE 3500	8.0	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4
GE 3000	8.6	8.7	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.0	9.1
GE 2500	10.2	10.3	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.7
GE 2000	15.6	15.7	15.9	15.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.3
GE 1800	16.8	17.0	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.6
GE 1500	21.3	21.8	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.5
GE 1200	26.7	27.5	27.9	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.6
GE 1000	35.2	36.5	37.3	37.7	38.4	38.4	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.9
GE 900	37.9	39.4	40.2	40.7	41.4	41.4	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.9	42.0
GE 800	42.8	44.8	46.4	47.4	48.5	48.5	48.8	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.2	49.3
GE 700	47.9	50.6	52.6	53.9	55.8	55.9	56.4	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9
GE 600	50.9	54.2	56.9	59.0	61.9	62.1	62.8	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.6
GE 500	52.8	56.4	59.7	62.6	66.6	66.9	67.9	68.4	68.4	69.2	69.3	69.3	69.5	69.5	69.5	69.6
GE 400	54.2	58.1	62.0	65.4	70.2	70.7	72.5	73.2	73.2	74.2	74.5	74.5	74.9	74.9	75.1	75.2
GE 300	54.4	58.6	62.9	66.8	73.0	73.8	76.4	77.7	77.8	79.4	80.6	80.6	81.4	81.6	81.9	82.0
GE 200	54.5	58.7	63.1	67.1	73.8	74.7	78.2	79.9	80.1	82.7	84.5	84.5	86.1	86.6	87.9	88.3
GE 100	54.5	58.8	63.1	67.1	73.9	74.9	78.4	80.3	80.5	83.7	86.1	86.1	88.7	89.6	92.1	93.2
GE 000	54.5	58.8	63.1	67.1	74.0	74.9	78.5	80.4	80.6	83.8	86.2	86.2	88.9	89.9	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4095

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JU HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
GE 20000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 18000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 16000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 14000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 12000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 10000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 9000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 8000	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
GE 7000	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
GE 6000	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
GE 5000	4.5	4.5	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 4500	4.7	4.7	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 4000	4.7	4.7	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 3500	4.7	4.7	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
GE 3000	5.2	5.2	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
GE 2500	5.5	5.5	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
GE 2000	6.2	6.4	6.6	6.9	6.9	6.9	6.9	6.9	6.9	7.3	7.6	7.6	7.6	7.6	7.6	7.6
GE 1800	7.1	8.1	8.3	8.5	8.5	8.5	8.5	8.5	8.5	9.0	9.2	9.2	9.2	9.2	9.2	9.2
GE 1500	9.2	10.2	10.7	10.9	10.9	10.9	10.9	10.9	10.9	11.4	11.6	11.6	11.6	11.6	11.6	11.6
GE 1200	11.4	12.8	13.7	14.0	14.2	14.2	14.5	14.7	14.7	15.4	15.6	15.6	15.6	15.6	15.6	15.6
GE 1000	17.8	19.7	21.1	21.3	21.8	21.8	22.3	22.5	22.5	23.2	23.5	23.5	23.5	23.5	23.5	23.5
GE 900	18.0	19.9	21.6	21.8	22.5	22.5	23.0	23.2	23.2	23.9	24.2	24.2	24.2	24.2	24.2	24.2
GE 800	22.7	25.1	27.0	27.3	28.0	28.0	28.4	28.7	28.7	29.4	29.6	29.6	29.6	29.6	29.6	29.6
GE 700	26.1	28.4	30.8	31.3	32.0	32.2	32.7	32.9	32.9	33.6	33.9	33.9	33.9	33.9	33.9	33.9
GE 600	26.3	29.6	32.2	32.9	33.9	34.4	35.1	36.0	36.0	36.7	37.0	37.0	37.0	37.0	37.0	37.0
GE 500	26.8	30.3	33.6	34.4	36.5	37.0	38.4	39.3	39.6	41.0	41.2	41.2	41.7	41.7	41.7	41.7
GE 400	27.7	31.5	35.1	36.5	39.6	40.0	41.5	42.7	42.9	44.5	45.0	45.0	46.0	46.0	46.4	46.7
GE 300	28.0	31.8	35.8	37.9	43.1	43.8	47.2	48.3	48.6	52.6	53.3	53.3	54.7	55.2	56.4	56.6
GE 200	28.2	32.0	36.7	39.3	45.3	46.2	51.2	53.1	53.3	58.5	60.9	60.9	64.2	64.9	66.8	69.0
GE 100	28.2	32.0	37.0	39.6	45.5	46.4	51.4	54.0	54.3	60.4	64.2	64.2	71.8	73.0	77.0	87.0
GE 000	28.2	32.0	37.0	39.6	45.5	46.4	51.4	54.0	54.3	60.7	64.5	64.5	72.5	73.7	79.4	100.0

TOTAL NUMBER OF OBSERVATIONS 422

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.4
GE 20000	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
GE 18000	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
GE 16000	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
GE 14000	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
GE 12000	3.4	3.4	3.4	3.4	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
GE 10000	3.4	3.4	3.4	3.4	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
GE 9000	3.4	3.4	3.4	3.4	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
GE 8000	3.4	3.4	3.4	3.4	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
GE 7000	3.4	3.4	3.4	3.4	3.6	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4
GE 6000	3.6	3.6	3.6	3.6	3.9	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.7
GE 5000	3.9	3.9	3.9	3.9	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.9
GE 4500	4.7	4.7	4.7	4.7	4.9	4.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.7
GE 4000	4.7	4.7	4.7	4.7	4.9	4.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.7
GE 3500	4.9	4.9	4.9	4.9	5.2	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.0
GE 3000	5.4	5.4	5.4	5.4	5.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.5
GE 2500	5.4	5.4	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.7
GE 2000	6.2	6.5	6.7	6.7	7.0	7.0	7.3	7.3	7.3	7.8	7.8	7.8	8.0	8.0	8.0	8.5
GE 1800	6.2	6.5	6.7	6.7	7.3	7.3	7.5	7.5	7.5	8.0	8.0	8.0	8.3	8.3	8.3	8.8
GE 1500	7.8	8.0	8.3	8.5	9.1	9.1	9.6	9.6	9.6	10.1	10.1	10.1	10.4	10.4	10.4	10.9
GE 1200	12.4	12.7	13.5	13.7	14.2	14.2	14.8	14.8	14.8	15.3	15.3	15.3	15.5	15.5	15.5	16.1
GE 1000	17.6	17.9	20.2	20.7	21.2	21.2	21.8	21.8	21.8	22.8	22.8	22.8	23.3	23.3	23.3	23.8
GE 900	18.7	18.9	21.2	21.8	22.5	22.5	23.1	23.1	23.1	24.1	24.1	24.1	24.6	24.6	24.6	25.1
GE 800	20.7	21.5	24.4	24.9	26.2	26.2	26.9	26.9	26.9	28.0	28.0	28.0	28.5	28.5	28.5	29.0
GE 700	22.8	23.8	26.7	27.2	28.8	28.8	29.8	29.8	29.8	31.3	31.3	31.3	31.9	31.9	31.9	32.4
GE 600	23.6	25.4	28.5	29.8	32.4	32.4	33.7	33.9	33.9	35.5	35.5	35.5	36.0	36.3	36.3	36.8
GE 500	23.6	25.6	29.5	31.3	34.5	35.5	38.1	38.6	38.6	41.5	41.5	41.5	42.0	42.2	42.2	42.7
GE 400	24.4	26.7	30.8	33.9	38.1	39.4	42.5	43.3	43.3	46.4	46.4	46.4	47.4	47.7	47.7	48.7
GE 300	24.6	26.9	31.6	35.0	40.4	41.7	46.1	47.4	47.4	52.3	52.6	52.6	53.9	54.4	54.7	55.7
GE 200	24.6	26.9	32.1	36.3	42.2	43.8	49.2	51.6	51.8	58.3	60.4	60.4	64.8	65.3	66.8	69.4
GE 100	24.6	26.9	32.1	36.3	42.2	43.8	49.7	52.1	52.3	60.9	64.8	64.8	72.0	73.3	78.5	86.0
GE 000	24.6	26.9	32.1	36.3	42.2	43.8	49.7	52.1	52.3	60.9	65.0	65.0	72.3	73.6	79.0	100.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.9	2.1	2.1	2.1	2.1	2.3	2.3
GE 20000	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.8	2.8	2.8	3.0	3.0
GE 18000	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.8	2.8	2.8	3.0	3.0
GE 16000	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.8	3.0	3.0	3.3	3.3
GE 14000	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.8	3.0	3.0	3.3	3.3
GE 12000	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.8	3.0	3.0	3.3	3.3
GE 10000	2.1	2.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	3.0	3.0	3.3	3.3	3.5	3.5
GE 9000	2.1	2.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	3.0	3.0	3.3	3.3	3.5	3.5
GE 8000	2.8	2.8	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.7	4.0	4.0	4.2	4.2	4.4	4.4
GE 7000	2.8	2.8	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.7	4.0	4.0	4.2	4.4	4.7	4.7
GE 6000	2.8	2.8	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.7	4.0	4.0	4.2	4.4	4.7	4.7
GE 5000	3.5	3.5	4.0	4.0	4.0	4.0	4.2	4.2	4.2	4.4	4.7	4.7	4.9	5.1	5.3	5.3
GE 4500	3.5	3.5	4.0	4.0	4.0	4.0	4.2	4.2	4.2	4.4	4.7	4.7	4.9	5.1	5.3	5.3
GE 4000	3.5	3.5	4.0	4.0	4.0	4.0	4.2	4.2	4.2	4.4	4.7	4.7	4.9	5.1	5.3	5.3
GE 3500	4.0	4.0	4.4	4.4	4.4	4.4	4.7	4.7	4.7	4.9	5.1	5.1	5.3	5.6	5.8	5.8
GE 3000	4.9	4.9	5.3	5.3	5.3	5.3	5.6	5.6	5.6	5.8	6.0	6.0	6.3	6.5	6.7	6.7
GE 2500	4.9	4.9	5.3	5.3	5.3	5.3	5.8	5.8	5.8	6.0	6.3	6.3	6.5	6.7	7.0	7.0
GE 2000	6.0	6.0	6.5	6.5	6.5	6.5	7.0	7.0	7.0	7.2	7.4	7.4	7.9	8.1	8.6	8.6
GE 1800	6.5	6.5	7.0	7.0	7.0	7.0	7.7	7.7	7.7	7.9	8.1	8.1	8.6	8.8	9.3	9.3
GE 1500	7.0	7.2	7.7	7.9	7.9	7.9	8.6	8.6	8.6	8.8	9.1	9.1	9.5	9.8	10.2	10.2
GE 1200	10.9	11.4	12.1	12.6	12.6	12.6	13.3	13.3	13.3	13.5	13.7	13.7	14.2	14.4	14.9	14.9
GE 1000	14.4	15.1	16.0	17.2	17.9	17.9	18.6	19.1	19.1	19.3	19.5	19.5	20.0	20.2	20.7	20.7
GE 900	14.9	16.0	17.0	18.1	19.1	19.1	19.8	20.2	20.2	20.5	20.7	20.7	21.2	21.4	21.9	21.9
GE 800	18.1	19.8	21.2	22.3	23.5	23.5	24.4	24.9	24.9	25.3	25.6	25.6	26.3	26.5	27.0	27.0
GE 700	18.8	20.9	22.6	24.0	25.8	25.8	26.7	27.2	27.2	27.7	27.9	27.9	28.6	28.8	29.3	29.3
GE 600	20.0	22.3	24.4	26.3	28.1	28.1	29.5	30.0	30.0	30.5	30.9	30.9	31.6	31.9	32.3	32.3
GE 500	20.7	23.0	25.3	27.9	32.1	32.1	34.0	34.4	34.4	35.1	35.8	35.8	36.5	37.0	37.9	38.1
GE 400	20.7	23.0	25.6	28.8	34.2	34.7	37.2	37.9	37.9	39.3	40.0	40.0	40.7	41.2	42.1	42.8
GE 300	21.4	23.7	26.5	30.0	37.4	37.9	41.9	42.6	43.0	45.6	46.5	46.5	48.1	48.6	49.5	50.7
GE 200	21.4	23.7	26.5	30.0	37.9	38.4	43.0	44.2	44.7	47.7	49.5	49.5	51.9	53.3	57.2	60.7
GE 100	21.4	23.7	26.5	30.0	37.9	38.4	44.0	45.1	45.6	49.5	52.1	52.1	56.5	58.8	67.4	78.1
GE 000	21.4	23.7	26.5	30.0	37.9	38.4	44.0	45.1	45.6	49.5	52.1	52.1	56.7	59.1	68.6	100.0

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.3	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
GE 20000	2.9	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
GE 18000	2.9	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
GE 16000	2.9	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
GE 14000	3.1	3.1	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
GE 12000	3.1	3.1	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
GE 10000	3.1	3.1	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
GE 9000	3.1	3.1	3.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
GE 8000	3.7	3.9	4.5	4.9	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 7000	3.9	4.1	4.7	5.1	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
GE 6000	4.3	4.5	5.1	5.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
GE 5000	4.3	4.5	5.1	5.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
GE 4500	4.3	4.5	5.1	5.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
GE 4000	4.5	4.7	5.5	5.9	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 3500	4.7	4.9	5.7	6.1	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.7	6.7	6.7
GE 3000	6.3	6.5	7.2	7.6	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2
GE 2500	6.8	7.0	7.8	8.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8
GE 2000	8.4	8.6	9.4	9.8	10.2	10.2	10.2	10.2	10.2	11.2	11.2	11.2	11.4	11.4	11.4	11.4
GE 1800	8.4	8.6	9.4	9.8	10.2	10.2	10.4	10.4	10.4	11.4	11.4	11.4	11.5	11.5	11.5	11.5
GE 1500	9.8	10.2	11.0	11.4	11.7	11.7	11.9	11.9	11.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1
GE 1200	12.3	12.7	13.7	14.1	14.7	14.7	14.9	14.9	14.9	15.9	15.9	15.9	16.2	16.2	16.2	16.2
GE 1000	15.1	15.7	17.4	18.2	19.6	19.6	19.8	19.8	19.8	20.9	20.9	20.9	21.3	21.3	21.3	21.3
GE 900	15.5	16.4	18.6	19.6	21.1	21.1	21.3	21.3	21.3	22.5	22.5	22.5	22.9	22.9	22.9	22.9
GE 800	17.6	18.6	20.9	22.1	24.1	24.1	24.7	24.7	24.7	26.0	26.0	26.0	26.6	26.6	26.6	26.6
GE 700	18.6	19.6	22.3	24.1	26.0	26.2	27.2	27.2	27.2	28.6	28.6	28.6	29.2	29.2	29.2	29.2
GE 600	19.8	20.7	23.7	25.4	27.6	28.2	29.2	29.2	29.2	30.5	30.5	30.5	31.3	31.3	31.3	31.3
GE 500	21.7	22.9	26.0	28.8	31.9	32.7	34.4	35.0	35.0	37.2	37.4	37.4	38.4	38.4	38.6	38.7
GE 400	22.7	24.3	27.8	31.5	36.4	37.6	40.7	41.7	41.7	44.0	44.6	44.6	45.6	45.6	46.0	46.6
GE 300	23.7	25.4	29.7	3.7	39.7	40.9	44.8	46.8	47.2	50.9	52.1	52.1	53.8	53.8	54.4	55.8
GE 200	24.1	26.0	30.3	34.8	41.5	43.1	47.7	50.1	50.5	55.2	57.7	57.7	61.8	62.0	63.8	67.1
GE 100	24.1	26.0	30.3	35.0	41.7	43.2	48.1	50.7	51.1	56.6	59.3	59.5	65.8	67.5	72.4	82.4
GE 000	24.1	26.0	30.3	35.0	41.7	43.2	48.1	50.7	51.1	56.6	59.3	59.5	65.9	67.7	72.8	100.0

TOTAL NUMBER OF OBSERVATIONS 511

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
GE 20000	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
GE 18000	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
GE 16000	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
GE 14000	2.7	2.7	2.7	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
GE 12000	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
GE 10000	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
GE 9000	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
GE 8000	4.7	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 7000	5.4	5.6	5.6	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
GE 6000	5.8	5.9	5.9	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 5000	6.1	6.3	6.5	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 4500	6.1	6.3	6.5	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 4000	6.1	6.3	6.5	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.0
GE 3500	6.1	6.3	6.5	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.0
GE 3000	6.8	7.0	7.2	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.9	7.9
GE 2500	7.9	8.1	8.3	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.2
GE 2000	9.9	10.1	10.3	10.6	11.0	11.0	11.0	11.0	11.0	11.4	11.4	11.4	11.4	11.4	11.5	11.5
GE 1800	10.3	10.5	10.6	11.0	11.4	11.4	11.4	11.4	11.4	11.7	11.7	11.7	11.7	11.7	11.9	11.9
GE 1500	14.2	14.4	14.8	15.1	15.9	15.9	15.9	15.9	15.9	16.2	16.2	16.2	16.2	16.2	16.4	16.4
GE 1200	15.9	16.0	16.4	16.9	17.7	17.7	17.7	17.7	17.7	18.0	18.0	18.0	18.0	18.0	18.2	18.2
GE 1000	20.2	20.4	21.3	21.8	23.8	23.8	23.8	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.3	24.3
GE 900	20.4	20.7	21.8	22.3	24.3	24.3	24.3	24.3	24.3	24.7	24.7	24.7	24.7	24.7	24.9	24.9
GE 800	24.0	24.7	26.1	27.2	30.3	30.3	30.5	30.5	30.5	31.0	31.0	31.0	31.4	31.5	31.7	31.7
GE 700	26.8	27.7	29.4	30.6	33.7	33.7	34.2	34.2	34.2	34.8	34.8	34.8	35.1	35.5	35.7	35.7
GE 600	29.0	30.5	32.6	34.4	37.8	38.0	38.7	38.9	38.9	39.6	39.6	39.6	40.0	40.4	40.5	40.5
GE 500	33.2	34.8	38.0	41.1	46.7	47.2	49.0	49.4	49.4	50.1	50.1	50.1	50.6	51.0	51.4	51.4
GE 400	34.1	35.9	39.5	42.7	49.9	51.0	54.1	55.3	55.5	56.6	56.6	56.6	57.3	57.7	58.0	58.6
GE 300	34.2	36.4	40.4	44.0	52.1	53.7	58.2	60.4	60.7	62.5	63.4	63.4	64.5	64.9	65.4	65.9
GE 200	34.2	36.6	41.3	45.0	53.5	55.3	60.4	63.2	63.8	66.8	69.4	69.5	72.4	73.9	75.1	77.8
GE 100	34.2	36.6	41.3	45.0	54.1	55.9	61.1	64.0	64.5	67.7	71.2	71.4	76.2	78.4	81.1	87.2
GE 000	34.2	36.6	41.3	45.0	54.1	55.9	61.3	64.1	64.7	68.1	71.5	71.7	76.8	79.1	82.2	100.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.0	4.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
GE 20000	4.1	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
GE 18000	4.3	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 16000	4.3	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
GE 14000	4.5	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 12000	4.8	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
GE 10000	4.8	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
GE 9000	5.3	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
GE 8000	5.7	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
GE 7000	7.2	7.8	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
GE 6000	7.8	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 5000	7.8	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 4500	7.8	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 4000	7.9	8.4	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
GE 3500	7.9	8.4	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
GE 3000	9.3	9.8	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
GE 2500	9.7	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 2000	11.9	12.4	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
GE 1800	12.4	12.9	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
GE 1500	15.0	15.7	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 1200	17.9	19.1	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 1000	22.2	23.6	24.7	24.7	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 900	23.6	25.0	26.0	26.0	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 800	27.4	29.0	30.9	30.9	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.4
GE 700	29.0	30.7	32.9	33.1	34.1	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8	35.0
GE 600	32.8	35.5	37.9	38.8	40.7	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.7	41.9
GE 500	34.5	37.8	42.2	44.0	47.2	47.8	49.0	49.0	49.0	49.7	49.7	49.7	49.8	49.8	50.2	50.7
GE 400	36.4	39.8	45.2	47.4	51.6	52.9	56.4	56.6	56.6	57.4	57.8	57.8	58.4	58.4	58.8	59.7
GE 300	36.7	40.5	46.0	48.4	54.3	56.0	61.2	62.6	62.8	64.3	65.0	65.0	65.9	66.2	66.7	67.8
GE 200	36.7	40.7	46.4	48.8	54.7	56.6	62.2	64.1	64.5	67.2	69.1	69.1	72.1	73.4	74.5	78.8
GE 100	36.7	40.7	46.4	48.8	54.7	56.6	62.2	64.3	64.7	68.6	70.7	70.7	75.0	77.2	81.4	89.5
GE 000	36.7	40.7	46.4	48.8	54.7	56.6	62.2	64.3	64.7	68.6	70.7	70.7	75.2	77.8	81.9	100.0

TOTAL NUMBER OF OBSERVATIONS 580

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
GE 20000	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
GE 18000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
GE 16000	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
GE 14000	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
GE 12000	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
GE 10000	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
GE 9000	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
GE 8000	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
GE 7000	4.7	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
GE 6000	6.1	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
GE 5000	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
GE 4500	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
GE 4000	6.3	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
GE 3500	6.3	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
GE 3000	6.7	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
GE 2500	7.4	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 2000	9.4	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 1800	9.6	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
GE 1500	11.8	12.1	12.3	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 1200	14.3	14.8	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 1000	18.8	19.5	19.9	19.9	20.1	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 900	19.9	20.6	21.0	21.0	21.2	21.5	21.7	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.4	22.4
GE 800	25.0	26.0	26.6	26.8	26.9	27.3	27.5	27.5	27.5	27.8	28.0	28.0	28.0	28.0	28.4	28.4
GE 700	26.0	27.5	28.6	29.3	29.7	30.0	30.2	30.2	30.2	30.6	30.7	30.7	30.7	30.7	31.1	31.1
GE 600	28.9	30.6	32.4	33.5	35.3	35.6	36.0	36.0	36.0	36.3	36.7	36.7	37.1	37.3	37.6	37.6
GE 500	30.0	32.2	35.4	36.5	39.2	39.6	40.9	41.2	41.2	41.8	42.3	42.3	42.7	42.9	43.4	43.4
GE 400	30.4	33.3	36.9	38.3	41.4	41.8	43.8	44.8	44.8	45.6	46.3	46.3	46.8	47.0	48.1	48.3
GE 300	30.7	33.8	38.0	39.4	43.6	44.3	47.9	49.9	50.3	52.3	53.5	53.5	54.6	54.8	56.2	56.6
GE 200	30.7	34.0	38.2	39.6	44.7	45.6	49.5	52.6	53.3	56.8	59.3	59.3	61.5	62.4	65.6	68.9
GE 100	30.7	34.0	38.2	40.0	45.0	45.9	50.1	53.5	54.4	59.7	63.1	63.1	68.5	69.8	75.4	84.8
GE 000	30.7	34.0	38.2	40.0	45.0	45.9	50.1	53.5	54.4	59.9	63.3	63.3	68.7	70.3	76.3	100.0

TOTAL NUMBER OF OBSERVATIONS 553



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.6	2.6	2.6	2.6
GE 20000	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.8	2.8	2.8	2.8
GE 18000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8	2.8	3.2	3.2	3.2	3.2
GE 16000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8	2.8	3.2	3.2	3.2	3.2
GE 14000	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8	2.8	3.2	3.2	3.2	3.2
GE 12000	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.4	3.4	3.4	3.4
GE 10000	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	4.1	4.1	4.1	4.1
GE 9000	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.9	3.9	3.9	3.9	3.9	4.3	4.3	4.3	4.3
GE 8000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.3	4.7	4.7	4.7	4.7
GE 7000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.7	4.7	4.7	4.7	5.1	5.1	5.1	5.1
GE 6000	6.0	6.2	6.6	6.9	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.5	7.5	7.5	7.5
GE 5000	6.2	6.4	6.9	7.1	7.1	7.1	7.1	7.3	7.3	7.3	7.3	7.3	7.7	7.7	7.7	7.7
GE 4500	6.4	6.6	7.1	7.3	7.3	7.3	7.5	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.1	8.1
GE 4000	6.4	6.6	7.1	7.3	7.3	7.3	7.5	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.1	8.1
GE 3500	6.4	6.6	7.1	7.3	7.3	7.3	7.5	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.1	8.1
GE 3000	7.1	7.3	7.7	8.1	8.1	8.1	8.4	8.6	8.6	8.6	8.6	8.6	9.0	9.0	9.0	9.0
GE 2500	7.5	7.7	8.1	8.4	8.6	8.6	8.8	9.0	9.0	9.0	9.0	9.0	9.4	9.4	9.4	9.4
GE 2000	8.8	9.4	9.9	10.3	10.3	10.3	10.7	10.9	10.9	10.9	10.9	10.9	11.3	11.3	11.3	11.3
GE 1800	9.6	10.3	10.7	11.1	11.1	11.1	11.6	11.8	11.8	11.8	11.8	11.8	12.2	12.2	12.2	12.2
GE 1500	11.1	12.0	12.4	13.1	13.1	13.1	13.7	13.9	13.9	13.9	13.9	13.9	14.3	14.3	14.3	14.3
GE 1200	12.6	13.7	14.3	15.0	15.0	15.0	15.6	15.8	15.8	15.8	15.8	15.8	16.3	16.3	16.3	16.3
GE 1000	20.1	21.6	22.3	23.1	23.6	23.6	24.4	24.6	24.6	24.6	24.6	24.6	25.1	25.1	25.1	25.1
GE 900	20.8	22.3	22.9	23.8	24.2	24.2	25.1	25.3	25.3	25.3	25.3	25.3	25.7	25.7	25.7	25.7
GE 800	23.1	24.6	25.9	26.8	27.2	27.2	28.3	28.5	28.5	28.5	28.5	28.5	28.9	28.9	28.9	28.9
GE 700	25.3	28.1	30.0	31.0	31.5	31.5	32.8	33.2	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6
GE 600	27.6	29.8	32.3	33.8	35.3	35.3	36.6	37.0	37.0	37.0	37.0	37.0	37.5	37.5	37.5	37.5
GE 500	30.0	32.1	34.7	36.2	38.8	38.8	40.7	41.3	41.3	41.5	41.5	41.5	42.0	42.0	42.0	42.2
GE 400	31.3	33.4	36.4	38.1	42.0	42.2	44.8	45.8	45.8	46.5	47.1	47.1	47.5	47.8	47.8	48.6
GE 300	31.5	33.6	37.7	39.6	43.5	43.7	48.6	50.7	51.2	52.7	53.5	53.5	54.8	55.0	55.5	56.3
GE 200	31.5	33.6	38.1	40.0	43.9	44.1	50.5	53.7	54.2	57.2	59.3	59.3	62.1	63.2	64.9	68.7
GE 100	31.5	33.6	38.1	40.0	44.1	44.5	51.0	54.6	55.2	58.5	61.9	62.1	68.3	70.9	73.9	85.2
GE 000	31.5	33.6	38.1	40.0	44.1	44.5	51.0	54.6	55.2	58.5	61.9	62.1	68.3	70.9	74.9	100.0

TOTAL NUMBER OF OBSERVATIONS 467

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.4	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.9
GE 20000	2.8	2.9	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3
GE 18000	2.9	3.0	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
GE 16000	3.0	3.0	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5
GE 14000	3.1	3.2	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.7
GE 12000	3.3	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8
GE 10000	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0
GE 9000	3.6	3.7	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.2
GE 8000	4.1	4.3	4.4	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.9
GE 7000	4.6	4.7	4.9	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.4	5.4
GE 6000	5.3	5.4	5.7	5.8	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2
GE 5000	5.5	5.6	5.9	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.5
GE 4500	5.6	5.8	6.1	6.2	6.3	6.3	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6
GE 4000	5.7	5.8	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8
GE 3500	5.8	5.9	6.3	6.4	6.5	6.5	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9
GE 3000	6.6	6.8	7.1	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8
GE 2500	7.1	7.2	7.6	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.3	8.3
GE 2000	8.6	8.9	9.3	9.5	9.6	9.6	9.7	9.7	9.7	10.0	10.1	10.1	10.2	10.3	10.3	10.4
GE 1800	9.0	9.4	9.8	9.9	10.1	10.1	10.3	10.3	10.3	10.6	10.7	10.7	10.8	10.8	10.9	11.0
GE 1500	11.1	11.6	12.0	12.3	12.5	12.5	12.8	12.8	12.8	13.1	13.1	13.1	13.3	13.3	13.4	13.4
GE 1200	13.7	14.4	15.1	15.4	15.7	15.8	16.0	16.1	16.1	16.4	16.4	16.4	16.6	16.6	16.7	16.8
GE 1000	18.5	19.4	20.5	21.0	21.8	21.9	22.2	22.3	22.3	22.7	22.8	22.8	23.0	23.0	23.1	23.2
GE 900	19.2	20.2	21.4	21.9	22.9	23.0	23.3	23.4	23.4	23.8	23.9	23.9	24.1	24.1	24.3	24.3
GE 800	22.6	23.9	25.6	26.2	27.5	27.5	28.0	28.2	28.2	28.7	28.8	28.8	29.1	29.1	29.3	29.3
GE 700	24.5	26.1	28.1	29.0	30.4	30.5	31.2	31.3	31.3	31.9	32.0	32.0	32.3	32.4	32.5	32.6
GE 600	26.4	28.4	30.8	32.2	34.2	34.5	35.3	35.6	35.6	36.2	36.3	36.3	36.7	36.8	37.0	37.1
GE 500	28.0	30.3	33.6	35.5	38.9	39.4	41.1	41.5	41.5	42.6	42.9	42.9	43.4	43.5	43.8	44.0
GE 400	28.9	31.5	35.2	37.7	42.2	43.0	45.7	46.6	46.7	48.1	48.5	48.5	49.3	49.4	49.9	50.5
GE 300	29.4	32.0	36.3	39.0	44.8	45.9	50.1	51.7	52.0	54.7	55.6	55.6	56.8	57.1	57.9	58.7
GE 200	29.4	32.2	36.8	39.8	46.0	47.2	52.3	54.7	55.1	58.9	61.2	61.2	64.3	65.3	67.3	70.5
GE 100	29.4	32.2	36.8	39.9	46.2	47.4	52.7	55.4	55.8	60.7	63.8	63.9	69.6	71.4	76.1	85.2
GE 000	29.4	32.2	36.8	39.9	46.2	47.4	52.8	55.4	55.9	60.8	63.9	64.0	69.9	71.8	77.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 20000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 18000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 16000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 14000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 12000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 10000	10.2	10.5	10.7	10.9	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	12.0
GE 9000	10.5	10.7	10.9	11.1	11.5	11.5	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2
GE 8000	10.9	11.1	11.3	11.5	12.0	12.0	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.6	12.6	12.6
GE 7000	11.5	11.8	12.0	12.1	12.6	12.6	13.1	13.1	13.1	13.1	13.1	13.1	13.3	13.3	13.3	13.3
GE 6000	12.0	12.2	12.4	12.6	13.1	13.1	13.5	13.5	13.5	13.7	13.7	13.7	13.9	13.9	13.9	13.9
GE 5000	13.1	13.3	13.5	13.7	14.2	14.2	14.6	14.6	14.6	14.8	14.8	14.8	15.0	15.0	15.0	15.0
GE 4500	13.1	13.3	13.5	13.7	14.2	14.2	14.6	14.6	14.6	14.8	14.8	14.8	15.0	15.0	15.0	15.0
GE 4000	13.1	13.3	13.5	13.7	14.2	14.2	14.6	14.6	14.6	14.8	14.8	14.8	15.0	15.0	15.0	15.0
GE 3500	14.6	14.8	15.3	15.5	15.9	15.9	16.3	16.3	16.3	16.6	16.6	16.6	16.8	16.8	16.8	16.8
GE 3000	18.5	18.7	19.2	19.4	19.8	19.8	20.3	20.3	20.3	20.5	20.5	20.5	20.7	20.7	20.7	20.7
GE 2500	21.6	21.8	22.7	22.9	23.3	23.3	23.7	23.7	23.7	24.0	24.0	24.0	24.2	24.2	24.2	24.2
GE 2000	22.9	23.1	24.6	24.8	25.3	25.3	25.9	25.9	25.9	26.1	26.1	26.1	26.4	26.4	26.4	26.4
GE 1800	23.3	23.5	25.1	25.3	25.7	25.7	26.4	26.4	26.4	26.6	26.6	26.6	26.8	26.8	26.8	26.8
GE 1500	26.6	27.0	28.8	29.0	29.4	29.4	30.1	30.1	30.1	30.3	30.3	30.3	30.5	30.5	30.5	30.5
GE 1200	28.8	29.2	31.2	31.4	31.8	31.8	32.7	32.7	32.7	32.9	32.9	32.9	33.1	33.1	33.1	33.1
GE 1000	31.8	32.7	35.7	35.9	37.0	37.0	37.9	37.9	37.9	38.1	38.3	38.3	38.8	38.8	39.0	39.0
GE 900	34.0	34.9	38.1	38.3	39.4	39.4	40.3	40.3	40.3	40.5	40.7	40.7	41.2	41.2	41.4	41.4
GE 800	35.5	36.4	39.7	40.3	41.8	41.8	42.7	42.7	42.7	43.1	43.4	43.4	43.8	43.8	44.0	44.0
GE 700	35.7	37.7	41.4	42.3	44.0	44.0	45.1	45.1	45.1	45.5	45.8	45.8	46.2	46.2	46.4	46.4
GE 600	38.3	40.7	44.9	45.8	47.9	48.4	49.7	49.7	49.7	50.1	50.3	50.3	51.0	51.0	51.4	51.4
GE 500	39.7	42.9	47.3	48.4	51.9	52.3	54.2	54.2	54.2	54.7	55.3	55.3	56.2	56.2	56.6	56.6
GE 400	39.7	42.9	47.5	49.5	54.5	55.1	57.7	58.2	58.2	58.8	59.7	59.7	61.0	61.0	61.4	62.3
GE 300	40.1	43.4	48.1	51.4	57.7	58.4	61.7	62.1	62.1	64.1	64.9	64.9	66.4	66.7	67.5	68.6
GE 200	40.3	43.6	48.4	51.9	58.4	59.0	63.4	64.9	64.9	67.5	68.8	68.8	71.5	71.7	73.2	76.0
GE 100	40.3	43.6	48.4	51.9	58.4	59.0	63.8	65.6	65.6	69.3	70.8	70.8	74.1	74.5	78.9	84.5
GE 000	40.3	43.6	48.4	51.9	58.4	59.0	63.8	65.6	65.6	69.3	71.2	71.2	74.5	75.2	80.4	100.0

TOTAL NUMBER OF OBSERVATIONS 459

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	7.9	8.1	8.6	8.6	8.8	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 20000	7.9	8.1	8.6	8.6	8.8	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 18000	7.9	8.1	8.6	8.6	8.8	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.9	9.9	9.9	9.9
GE 16000	7.9	8.1	8.6	8.6	8.8	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.9	9.9	9.9	9.9
GE 14000	7.9	8.1	8.6	8.6	8.8	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.9	9.9	9.9	9.9
GE 12000	8.1	8.4	8.8	8.8	9.0	9.0	9.4	9.4	9.4	9.4	9.4	9.4	10.1	10.1	10.1	10.1
GE 10000	8.1	8.4	8.8	8.8	9.0	9.0	9.4	9.4	9.4	9.4	9.4	9.4	10.1	10.1	10.1	10.1
GE 9000	8.1	8.4	8.8	8.8	9.0	9.0	9.4	9.4	9.4	9.4	9.4	9.4	10.1	10.1	10.1	10.1
GE 8000	8.4	8.6	9.0	9.0	9.2	9.2	9.6	9.6	9.6	9.6	9.6	9.6	10.3	10.3	10.3	10.3
GE 7000	8.8	9.0	9.4	9.4	9.6	9.6	10.1	10.1	10.1	10.1	10.1	10.1	10.7	10.7	10.7	10.7
GE 6000	9.4	9.6	10.1	10.1	10.3	10.3	10.7	10.7	10.7	10.7	10.7	10.7	11.3	11.3	11.6	11.6
GE 5000	10.7	10.9	11.3	11.3	11.6	11.6	12.0	12.0	12.0	12.0	12.0	12.0	12.6	12.6	12.8	12.8
GE 4500	10.9	11.1	11.6	11.6	11.8	11.8	12.2	12.2	12.2	12.2	12.2	12.2	12.8	12.8	13.1	13.1
GE 4000	11.3	11.6	12.0	12.0	12.2	12.2	12.6	12.6	12.6	12.6	12.6	12.6	13.3	13.3	13.5	13.5
GE 3500	13.1	13.3	13.7	13.7	13.9	13.9	14.3	14.3	14.3	14.3	14.3	14.3	15.0	15.0	15.2	15.2
GE 3000	16.7	16.9	17.3	17.3	17.6	17.6	18.0	18.0	18.0	18.0	18.0	18.0	18.6	18.6	18.8	18.8
GE 2500	18.8	19.1	19.9	19.9	20.1	20.1	20.6	20.6	20.6	20.6	20.6	20.6	21.2	21.2	21.4	21.4
GE 2000	21.2	21.4	22.3	22.5	22.7	22.7	23.1	23.3	23.3	23.3	23.3	23.3	24.0	24.0	24.2	24.2
GE 1800	22.1	22.3	23.1	23.3	23.6	23.6	24.0	24.2	24.2	24.2	24.2	24.2	24.8	24.8	25.1	25.1
GE 1500	24.4	24.6	25.5	25.7	25.9	25.9	26.3	26.6	26.6	26.6	26.6	26.6	27.2	27.2	27.4	27.4
GE 1200	27.8	28.1	28.9	29.3	29.6	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.8	30.8	31.0	31.0
GE 1000	30.6	30.8	32.3	33.0	33.6	33.6	34.3	34.5	34.5	34.5	34.5	34.5	35.8	35.8	36.0	36.0
GE 900	31.5	31.7	33.2	33.8	34.5	34.5	35.1	35.3	35.3	35.3	35.3	35.3	36.6	36.6	36.8	36.8
GE 800	32.8	33.4	35.5	36.4	37.9	37.9	38.5	38.8	38.8	38.8	38.8	38.8	40.0	40.0	40.3	40.3
GE 700	33.2	33.8	36.2	37.0	38.8	38.8	39.4	39.6	39.6	39.6	39.6	39.6	40.9	40.9	41.1	41.1
GE 600	34.0	34.7	37.3	38.5	41.1	41.1	42.2	42.6	42.8	42.8	42.8	42.8	44.3	44.3	44.5	44.5
GE 500	34.7	36.4	39.0	40.3	43.5	43.5	44.8	45.6	45.8	46.0	46.0	46.0	47.8	47.8	48.2	48.2
GE 400	35.8	38.1	41.1	43.0	47.3	47.5	49.3	50.3	50.5	50.7	50.7	50.7	53.7	53.7	54.2	54.6
GE 300	36.2	38.5	41.5	44.1	49.3	49.7	52.2	53.3	53.5	54.0	54.0	54.0	57.6	57.8	58.9	59.3
GE 200	36.2	38.5	42.0	44.5	50.1	50.5	54.2	55.9	56.1	57.2	58.7	58.7	64.2	64.7	66.8	68.5
GE 100	36.2	38.8	42.2	44.8	50.5	51.0	55.5	57.6	58.0	59.5	62.3	62.3	70.0	71.3	76.9	80.9
GE 000	36.2	38.8	42.2	44.8	50.5	51.0	55.5	57.6	58.0	59.5	62.7	62.7	70.9	72.6	78.2	100.0

TOTAL NUMBER OF OBSERVATIONS 467

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.7	6.3
GE 20000	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.5	5.9	6.5
GE 18000	5.7	5.7	5.7	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.1	6.1	6.5	7.0
GE 16000	5.9	5.9	5.9	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.3	6.7	7.2
GE 14000	5.9	5.9	5.9	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.3	6.7	7.2
GE 12000	6.1	6.1	6.1	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.9	7.4
GE 10000	6.5	6.5	6.5	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.2	7.8
GE 9000	6.7	6.7	6.7	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.4	8.0
GE 8000	6.7	6.7	6.7	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.4	8.0
GE 7000	7.4	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.8	7.8	8.2	8.8
GE 6000	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	9.0	9.0	9.0	9.3	9.3	9.7	10.5
GE 5000	10.3	10.3	10.3	10.3	10.5	10.5	10.5	10.7	10.7	10.9	10.9	10.9	11.2	11.2	11.6	12.4
GE 4500	10.5	10.5	10.5	10.5	10.7	10.7	10.7	10.9	10.9	11.0	11.0	11.0	11.4	11.4	11.8	12.6
GE 4000	11.2	11.2	11.2	11.2	11.4	11.4	11.4	11.6	11.6	11.8	11.8	11.8	12.2	12.2	12.6	13.3
GE 3500	12.4	12.4	12.4	12.4	12.6	12.6	12.6	12.8	12.8	13.0	13.0	13.0	13.3	13.3	13.7	14.5
GE 3000	14.1	14.1	14.1	14.1	14.3	14.3	14.3	14.5	14.5	14.7	14.7	14.7	15.0	15.0	15.4	16.2
GE 2500	15.0	15.2	15.4	15.4	15.6	15.6	15.6	15.8	15.8	16.0	16.0	16.0	16.4	16.4	16.8	17.5
GE 2000	17.5	17.7	17.9	17.9	18.1	18.1	18.1	18.3	18.3	18.5	18.5	18.5	18.9	18.9	19.4	20.2
GE 1800	18.1	18.3	18.5	18.5	18.7	18.7	18.7	18.9	18.9	19.0	19.0	19.0	19.4	19.4	20.0	20.8
GE 1500	22.3	22.5	22.7	22.7	22.9	22.9	23.2	23.4	23.4	23.6	23.6	23.6	24.0	24.0	24.6	25.3
GE 1200	25.3	25.5	25.7	25.9	26.1	26.1	26.7	26.9	27.0	27.2	27.2	27.2	27.6	27.6	28.2	29.0
GE 1000	28.2	28.6	29.0	29.3	29.7	29.7	30.7	31.2	31.4	31.6	31.8	31.8	32.2	32.4	33.0	33.7
GE 900	29.1	29.9	30.3	30.7	31.2	31.2	32.2	32.8	33.0	33.1	33.3	33.3	33.7	33.9	34.5	35.2
GE 800	31.0	32.6	33.1	33.5	34.5	34.5	35.6	36.2	36.4	36.6	36.8	36.8	37.5	37.7	38.3	39.0
GE 700	31.8	33.5	34.1	34.9	36.2	36.2	37.3	37.9	38.1	38.3	38.5	38.5	39.2	39.4	40.0	40.8
GE 600	32.0	34.1	34.7	35.4	37.1	37.3	38.7	39.2	39.6	40.0	40.4	40.4	41.1	41.5	42.1	42.9
GE 500	33.1	36.0	36.8	37.9	40.0	40.4	42.1	42.9	43.2	43.8	44.2	44.2	45.3	45.7	46.3	47.4
GE 400	33.1	36.0	36.8	38.3	41.5	41.9	43.8	44.6	45.0	46.1	46.9	46.9	48.2	48.6	49.1	50.3
GE 300	33.3	36.2	37.1	38.9	43.2	43.6	47.0	48.6	49.0	50.3	51.4	51.4	53.1	53.7	54.5	56.8
GE 200	33.5	36.4	37.3	39.0	44.2	45.0	49.5	51.4	51.8	53.5	55.8	55.8	59.6	60.4	61.5	68.6
GE 100	33.5	36.4	37.3	39.0	44.4	45.1	49.9	51.8	52.2	54.1	56.6	56.6	61.7	63.4	67.0	77.7
GE 000	33.5	36.4	37.3	39.0	44.4	45.1	49.9	51.8	52.2	54.1	56.6	56.6	61.7	63.4	67.4	100.0

TOTAL NUMBER OF OBSERVATIONS 525

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	3.0	3.1	3.3
GE 20000	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.7	3.8
GE 18000	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.2	4.4
GE 16000	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	4.2	4.4	4.5
GE 14000	3.7	3.8	3.8	3.8	3.8	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.4	4.5	4.7	4.9
GE 12000	3.8	4.0	4.0	4.0	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.5	4.7	4.9	5.1
GE 10000	3.8	4.0	4.0	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.9	5.1	5.2	5.4
GE 9000	4.4	4.5	4.5	4.9	4.9	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.4	5.6	5.8	6.1
GE 8000	4.7	5.1	5.1	5.4	5.4	5.4	5.8	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.6	7.0
GE 7000	5.6	5.9	5.9	6.3	6.3	6.3	6.6	6.6	6.6	6.6	6.6	6.6	7.0	7.3	7.5	7.9
GE 6000	7.2	7.5	7.5	7.9	7.9	7.9	8.2	8.2	8.2	8.2	8.2	8.2	8.7	9.3	9.4	10.1
GE 5000	8.6	8.9	8.9	9.4	9.4	9.4	9.8	9.8	9.8	9.8	9.8	9.8	10.3	10.8	11.0	11.9
GE 4500	8.7	9.1	9.1	9.6	9.6	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.5	11.0	11.2	12.1
GE 4000	8.9	9.3	9.3	9.8	9.8	9.8	10.1	10.1	10.1	10.1	10.1	10.1	10.8	11.4	11.5	12.4
GE 3500	10.7	11.0	11.0	11.5	11.5	11.5	11.9	11.9	11.9	11.9	11.9	11.9	12.8	13.3	13.5	14.3
GE 3000	11.4	12.2	12.6	13.1	13.3	13.3	13.6	13.6	13.6	13.6	13.6	13.6	14.5	15.0	15.2	16.1
GE 2500	13.3	14.2	14.5	15.0	15.2	15.2	15.6	15.6	15.6	15.6	15.6	15.6	16.4	17.0	17.1	18.0
GE 2000	15.4	16.4	16.8	17.3	17.3	17.8	18.2	18.2	18.2	18.2	18.2	18.2	19.1	19.6	19.8	20.6
GE 1800	15.7	16.8	17.1	17.7	18.2	18.2	18.5	18.5	18.5	18.5	18.5	18.5	19.4	19.9	20.1	21.0
GE 1500	19.2	20.3	20.8	21.7	22.2	22.2	22.6	22.6	22.6	22.7	22.7	22.7	24.0	24.5	24.7	25.5
GE 1200	22.2	23.3	24.0	25.0	25.7	25.7	26.2	26.4	26.4	26.6	26.6	26.6	27.8	28.3	28.5	29.4
GE 1000	25.9	27.6	28.7	29.7	30.9	30.9	31.5	31.6	31.6	31.8	31.8	31.8	33.0	33.6	33.7	34.8
GE 900	26.6	28.5	29.7	30.8	32.2	32.2	32.7	32.9	32.9	33.0	33.0	33.0	34.3	34.8	35.0	36.0
GE 800	27.8	29.9	31.8	33.2	34.8	34.8	35.3	36.0	36.0	36.2	36.2	36.2	37.4	38.1	38.3	39.3
GE 700	29.0	31.5	33.4	35.0	37.2	37.2	37.8	38.5	38.5	38.8	38.8	38.8	40.0	40.7	40.9	42.0
GE 600	29.9	32.5	34.8	36.4	39.3	39.5	40.4	41.4	41.4	42.0	42.1	42.1	43.4	44.1	44.2	45.3
GE 500	30.4	33.0	35.5	37.2	40.4	40.6	42.5	43.9	43.9	44.6	44.8	44.8	46.2	47.0	47.4	49.1
GE 400	33.6	33.2	35.9	37.8	41.4	41.8	44.4	46.0	46.0	47.2	47.4	47.4	49.0	49.8	50.2	52.3
GE 300	31.3	33.9	36.7	38.6	43.4	43.7	47.2	49.3	49.5	51.7	53.7	53.7	55.2	56.5	57.0	59.8
GE 200	31.5	34.1	36.9	39.0	44.4	45.1	49.0	51.2	51.6	54.5	56.8	56.8	58.9	61.5	63.3	69.9
GE 100	31.5	34.1	36.9	39.0	44.4	45.1	49.0	51.4	51.9	54.9	57.3	57.3	60.5	63.3	67.5	78.0
GE 000	31.5	34.1	36.9	39.0	44.4	45.1	49.0	51.4	51.9	54.9	57.5	57.5	60.7	64.2	69.1	100.0

TOTAL NUMBER OF OBSERVATIONS 572

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.1	5.1	5.1	5.1	5.1	5.1	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8	5.8
GE 20000	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.3
GE 18000	5.6	5.8	5.8	5.8	5.9	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
GE 16000	5.6	5.8	5.8	5.8	5.9	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
GE 14000	5.6	5.8	5.8	5.8	5.9	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
GE 12000	6.1	6.3	6.3	6.3	6.4	6.4	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.1
GE 10000	6.4	6.6	6.6	6.6	6.8	6.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4
GE 9000	7.1	7.3	7.3	7.3	7.4	7.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.1
GE 8000	8.0	8.3	8.3	8.3	8.5	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.1
GE 7000	9.1	9.5	9.5	9.6	10.0	10.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.7	10.7
GE 6000	9.6	10.0	10.0	10.2	10.5	10.5	11.3	11.3	11.3	11.3	11.5	11.5	11.7	11.7	11.8	11.8
GE 5000	10.5	10.8	10.8	11.0	11.3	11.3	12.2	12.2	12.2	12.2	12.4	12.4	12.5	12.5	12.7	12.7
GE 4500	10.7	11.0	11.0	11.2	11.5	11.5	12.4	12.4	12.4	12.4	12.5	12.5	12.7	12.7	12.9	12.9
GE 4000	13.2	13.5	13.5	13.7	14.0	14.0	14.9	14.9	14.9	14.9	15.1	15.1	15.2	15.2	15.4	15.4
GE 3500	13.9	14.2	14.2	14.4	14.7	14.7	15.6	15.6	15.6	15.6	15.7	15.7	15.9	15.9	16.1	16.1
GE 3000	15.4	15.7	16.1	16.2	16.6	16.6	17.4	17.4	17.4	17.4	17.6	17.6	17.8	17.8	17.9	18.1
GE 2500	17.4	17.8	18.1	18.3	18.6	18.6	19.8	19.8	19.8	19.8	20.0	20.0	20.1	20.1	20.3	20.5
GE 2000	20.6	21.2	21.5	21.7	22.0	22.0	23.4	23.4	23.4	23.4	23.5	23.5	23.7	23.7	23.9	24.0
GE 1800	21.2	21.7	22.0	22.2	22.7	22.7	24.0	24.0	24.0	24.0	24.2	24.2	24.4	24.4	24.5	24.7
GE 1500	23.2	23.7	24.2	24.4	24.9	24.9	26.6	26.6	26.6	26.6	26.7	26.7	26.9	26.9	27.1	27.2
GE 1200	26.1	27.1	27.9	28.1	28.8	28.8	30.5	30.5	30.5	30.5	30.6	30.6	30.8	30.8	31.0	31.1
GE 1000	30.1	31.1	32.5	32.7	33.3	33.3	35.0	35.0	35.0	35.0	35.2	35.2	35.4	35.4	35.5	35.7
GE 900	31.0	32.1	33.5	33.8	34.5	34.5	36.2	36.2	36.2	36.2	36.4	36.4	36.5	36.5	36.7	36.9
GE 800	34.3	35.5	38.1	38.4	39.3	39.3	40.9	40.9	40.9	40.9	41.1	41.1	41.3	41.3	41.5	41.6
GE 700	35.2	36.5	39.8	40.1	41.1	41.1	43.1	43.1	43.1	43.1	43.3	43.3	43.5	43.5	43.7	43.8
GE 600	36.9	38.6	42.6	43.3	45.5	45.5	47.9	47.9	47.9	47.9	48.2	48.2	48.6	48.6	48.7	48.9
GE 500	38.2	40.3	45.3	46.2	49.2	49.4	53.0	53.1	53.1	53.1	54.0	54.0	54.3	54.3	54.7	54.8
GE 400	39.4	41.6	47.2	48.1	51.8	51.9	56.0	56.2	56.5	57.0	58.0	58.0	58.7	58.7	59.1	59.2
GE 300	40.1	42.6	48.4	49.6	54.3	54.5	59.6	60.7	61.1	62.8	64.1	64.5	65.3	65.7	66.2	66.8
GE 200	40.4	43.0	48.9	50.1	54.8	55.0	60.9	62.6	63.3	65.8	68.2	68.5	70.2	71.7	72.9	76.0
GE 100	40.4	43.0	49.1	50.3	55.0	55.2	61.6	63.3	64.1	66.8	69.7	70.1	72.4	74.6	77.3	83.9
GE 000	40.6	43.1	49.2	50.4	55.2	55.3	61.8	63.5	64.3	67.0	69.9	70.2	72.6	75.0	78.0	100.0

TOTAL NUMBER OF OBSERVATIONS 591

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 20000	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 18000	8.8	9.3	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 16000	9.0	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 14000	9.2	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0
GE 12000	9.3	9.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 10000	10.0	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
GE 9000	10.6	11.1	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 8000	11.4	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 7000	12.3	12.7	12.7	12.9	12.9	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 6000	12.9	13.4	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.9	13.9	13.9	14.2	14.2	14.2	14.2
GE 5000	13.6	14.1	14.2	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.9	14.9	14.9	14.9
GE 4500	13.7	14.2	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.7	14.7	14.7	15.0	15.0	15.0	15.0
GE 4000	15.7	16.2	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.7	16.7	16.7	17.0	17.0	17.0	17.0
GE 3500	16.8	17.3	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.8	17.8	17.8	18.1	18.1	18.1	18.1
GE 3000	19.6	20.1	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.8	20.8	20.8	21.1	21.1	21.1	21.1
GE 2500	21.2	21.7	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.7	22.7	22.7	23.0	23.0	23.0	23.0
GE 2000	24.2	24.7	25.2	25.3	26.0	26.0	26.1	26.3	26.3	26.5	26.5	26.5	26.8	26.8	26.8	26.8
GE 1800	24.7	25.2	25.7	25.8	26.5	26.5	26.6	26.8	26.8	27.0	27.0	27.0	27.3	27.3	27.3	27.3
GE 1500	27.5	27.9	28.4	28.6	29.4	29.4	29.6	29.7	29.7	29.9	29.9	29.9	30.2	30.2	30.2	30.2
GE 1200	30.2	30.7	31.4	31.5	32.7	32.7	33.0	33.2	33.2	33.3	33.3	33.3	33.7	33.7	33.7	33.7
GE 1000	33.5	34.0	34.8	35.5	36.8	36.8	37.1	37.3	37.3	37.4	37.4	37.4	37.7	37.7	37.7	37.7
GE 900	34.6	35.1	35.9	36.6	37.9	37.9	38.2	38.4	38.4	38.6	38.6	38.6	38.9	38.9	38.9	38.9
GE 800	37.4	38.7	39.9	40.7	42.6	42.6	43.5	43.6	43.6	43.8	43.8	43.8	44.1	44.1	44.1	44.1
GE 700	39.1	40.7	42.0	43.0	45.1	45.6	46.6	46.7	46.7	46.9	46.9	46.9	47.2	47.2	47.2	47.2
GE 600	40.4	42.3	44.0	45.4	49.0	49.5	50.5	50.8	50.8	51.3	51.5	51.5	52.0	52.1	52.1	52.1
GE 500	41.2	43.8	45.4	47.7	52.9	53.4	54.9	55.9	55.9	56.9	57.0	57.0	57.7	57.8	57.8	57.8
GE 400	41.5	44.6	46.7	49.3	55.4	56.0	59.0	60.3	60.3	61.4	61.8	61.8	62.4	62.6	62.6	62.6
GE 300	41.5	44.6	47.2	50.2	57.5	58.3	62.3	64.4	64.7	66.5	67.3	67.3	68.8	69.1	69.6	69.8
GE 200	41.5	44.6	47.2	50.5	58.0	59.0	63.6	66.3	66.7	69.3	71.2	71.4	73.4	74.2	75.3	77.9
GE 100	41.7	44.8	47.4	50.7	58.2	59.2	63.7	66.5	66.8	69.6	71.9	72.1	74.3	75.5	79.1	85.1
GE 000	41.7	44.8	47.4	50.7	58.2	59.2	63.7	66.5	66.8	69.6	71.9	72.1	74.5	75.7	79.9	100.0

TOTAL NUMBER OF OBSERVATIONS 612



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.8	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.7
GE 20000	6.8	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.7
GE 18000	7.0	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8
GE 16000	7.0	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8
GE 14000	7.2	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.0	8.0	8.0
GE 12000	8.2	8.7	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	9.0	9.0	9.0
GE 10000	8.7	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.5	9.5	9.5
GE 9000	8.8	9.3	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8
GE 8000	9.3	10.0	10.3	10.3	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.7	10.7	10.7
GE 7000	10.8	11.5	11.8	11.8	11.8	11.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3
GE 6000	11.7	12.3	12.7	12.7	12.7	12.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.2	13.2
GE 5000	13.0	13.7	14.0	14.0	14.0	14.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.8	14.8	14.8
GE 4500	13.3	14.0	14.3	14.3	14.3	14.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	15.2	15.2	15.2
GE 4000	15.8	16.5	16.8	17.0	17.0	17.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.8	17.8	17.8
GE 3500	16.3	17.0	17.3	17.5	18.0	18.0	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.8	18.8	18.8
GE 3000	19.3	20.0	20.5	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	21.8	22.3	22.3	22.3
GE 2500	21.0	21.7	22.2	22.5	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	24.0	24.0	24.0
GE 2000	23.3	24.0	24.8	25.2	25.8	25.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.7	26.7	26.7
GE 1800	24.7	25.3	26.3	26.7	27.3	27.3	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.2	28.2	28.2
GE 1500	27.5	28.2	29.2	29.5	30.3	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	31.2	31.2	31.2
GE 1200	30.2	30.8	32.0	32.3	33.2	33.2	33.5	33.5	33.5	33.7	33.7	33.7	33.7	34.2	34.2	34.2
GE 1000	32.5	33.3	34.7	35.2	36.3	36.3	36.7	36.8	36.8	37.0	37.0	37.0	37.0	37.5	37.5	37.5
GE 900	33.5	34.3	35.8	36.3	37.7	37.7	38.0	38.2	38.2	38.3	38.3	38.3	38.3	38.8	38.8	38.8
GE 800	36.8	37.7	40.0	40.8	43.0	43.0	43.5	43.8	43.8	44.0	44.0	44.0	44.0	44.5	44.5	44.5
GE 700	38.2	39.5	41.8	42.7	44.8	44.8	45.3	45.7	45.7	45.8	45.8	45.8	45.8	46.3	46.3	46.3
GE 600	39.5	41.2	43.8	44.8	49.2	49.2	49.8	50.2	50.2	50.3	50.3	50.3	50.3	50.8	50.8	50.8
GE 500	40.7	42.5	45.5	47.0	51.8	51.8	53.2	53.5	53.5	54.0	54.2	54.2	54.2	55.3	55.5	55.5
GE 400	41.3	43.3	46.5	48.3	54.2	54.5	56.0	56.8	56.8	57.7	58.3	58.3	59.0	59.7	59.8	60.0
GE 300	42.0	44.0	47.2	49.0	54.8	55.2	58.3	59.5	59.7	61.8	62.7	62.7	63.5	64.8	65.8	66.3
GE 200	42.0	44.0	47.2	49.2	55.0	55.3	59.0	60.7	60.8	64.2	66.5	66.7	68.5	70.3	72.0	75.3
GE 100	42.0	44.0	47.2	49.3	55.2	55.5	59.3	61.2	61.5	65.0	67.8	68.0	71.0	73.3	77.7	85.3
GE 000	42.0	44.0	47.2	49.3	55.2	55.5	59.3	61.2	61.5	65.2	68.0	68.2	71.2	73.5	78.5	100.0

TOTAL NUMBER OF OBSERVATIONS 600

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	8.4	8.8	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6
GE 20000	8.4	8.8	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6
GE 18000	8.4	8.8	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6
GE 16000	8.4	8.8	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6
GE 14000	8.4	8.8	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6
GE 12000	9.0	9.4	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.2	10.2
GE 10000	9.6	10.0	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.8	10.8
GE 9000	10.0	10.4	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.2	11.2
GE 8000	10.2	10.6	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.2	11.2	11.2	11.7	11.7
GE 7000	10.8	11.2	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.7	12.7
GE 6000	11.2	11.7	12.3	12.3	12.7	12.7	12.7	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.5	13.5
GE 5000	12.1	12.5	13.1	13.1	13.5	13.5	13.5	13.5	13.5	13.5	13.9	13.9	13.9	13.9	14.3	14.3
GE 4500	12.7	13.1	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1	14.5	14.5	14.5	14.5	14.9	14.9
GE 4000	13.9	14.3	14.9	14.9	15.3	15.3	15.3	15.3	15.3	15.3	15.7	15.7	15.7	15.7	16.2	16.2
GE 3500	14.9	15.3	16.2	16.2	16.6	16.6	16.6	16.6	16.6	16.6	17.0	17.0	17.0	17.0	17.4	17.4
GE 3000	18.2	18.6	19.8	19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.7	20.7	20.7	20.7	21.1	21.1
GE 2500	19.2	19.6	20.9	20.9	21.3	21.3	21.3	21.3	21.3	21.3	21.7	21.7	21.7	21.7	22.1	22.1
GE 2000	20.7	21.3	22.5	22.5	22.9	22.9	22.9	22.9	22.9	22.9	23.3	23.3	23.3	23.3	23.7	23.7
GE 1800	22.1	23.1	24.3	24.3	24.7	24.7	24.7	24.7	24.7	24.7	25.2	25.2	25.2	25.2	25.6	25.6
GE 1500	27.2	28.2	29.7	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.5	30.5	30.5	30.5	30.9	30.9
GE 1200	29.2	30.3	31.7	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.7	32.7	32.7	32.7	33.5	33.5
GE 1000	32.9	34.2	35.6	36.0	36.8	36.8	37.2	37.2	37.2	37.2	37.6	37.6	37.6	37.6	38.4	38.4
GE 900	33.9	35.4	36.8	37.2	38.0	38.4	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	40.1	40.1
GE 800	36.2	37.6	39.3	39.9	41.1	41.5	41.9	42.1	42.1	42.1	42.5	42.5	42.5	42.5	43.4	43.4
GE 700	36.8	38.4	40.1	40.7	42.7	43.1	43.6	43.8	43.8	43.8	44.2	44.2	44.2	44.2	45.0	45.2
GE 600	38.9	40.9	42.7	43.6	46.8	47.2	47.6	48.1	48.1	48.1	48.7	48.7	48.7	48.7	49.5	49.7
GE 500	39.3	41.7	45.2	46.6	50.1	50.5	51.1	51.5	51.5	51.7	52.8	52.8	53.0	53.0	53.8	54.0
GE 400	39.5	42.1	45.6	48.1	52.4	53.0	53.8	54.2	54.4	54.8	56.0	56.0	56.4	56.4	57.3	57.7
GE 300	40.1	42.7	46.2	48.7	54.4	55.4	57.5	58.7	58.9	59.9	61.3	61.3	62.4	62.6	63.6	64.4
GE 200	40.3	42.9	46.8	49.3	55.0	56.0	59.1	61.6	62.0	63.4	66.1	66.1	67.7	68.1	69.5	74.8
GE 100	40.3	42.9	46.8	49.3	55.0	56.0	59.1	61.6	62.2	64.0	67.5	67.5	69.1	70.1	73.0	84.9
GE 000	40.5	43.1	47.0	49.5	55.2	56.2	59.3	61.8	62.4	64.2	67.9	67.9	69.5	70.6	73.6	100.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.7	6.9	7.0	7.0	7.1	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.6	7.6
GE 20000	6.9	7.1	7.2	7.2	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.8	7.9
GE 18000	7.0	7.3	7.4	7.5	7.6	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.9	8.0	8.1	8.2
GE 16000	7.1	7.4	7.5	7.5	7.7	7.7	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3
GE 14000	7.2	7.4	7.5	7.6	7.7	7.7	7.9	7.9	7.9	7.9	7.9	7.9	8.1	8.2	8.3	8.4
GE 12000	7.5	7.8	7.9	7.9	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.5	8.5	8.7	8.8
GE 10000	7.9	8.1	8.2	8.3	8.5	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.9	8.9	9.0	9.1
GE 9000	8.2	8.5	8.6	8.7	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.3	9.4	9.5
GE 8000	8.7	9.0	9.2	9.2	9.4	9.4	9.6	9.6	9.6	9.6	9.7	9.7	9.8	9.9	10.0	10.2
GE 7000	9.5	9.9	10.1	10.2	10.4	10.4	10.6	10.6	10.6	10.6	10.7	10.7	10.8	10.9	11.0	11.1
GE 6000	10.3	10.7	10.9	11.0	11.2	11.2	11.5	11.5	11.5	11.6	11.6	11.6	11.9	12.0	12.2	12.4
GE 5000	11.5	11.8	12.0	12.2	12.4	12.4	12.7	12.7	12.7	12.7	12.8	12.8	13.1	13.2	13.4	13.6
GE 4500	11.7	12.1	12.3	12.4	12.6	12.6	12.9	12.9	12.9	13.0	13.0	13.0	13.3	13.5	13.6	13.8
GE 4000	13.0	13.3	13.5	13.7	13.9	13.9	14.2	14.2	14.2	14.3	14.3	14.3	14.6	14.8	14.9	15.2
GE 3500	14.1	14.5	14.7	14.9	15.2	15.2	15.5	15.5	15.5	15.6	15.6	15.6	15.9	16.1	16.2	16.5
GE 3000	16.6	17.1	17.5	17.7	18.0	18.0	18.3	18.3	18.3	18.4	18.4	18.4	18.8	18.9	19.1	19.3
GE 2500	18.4	18.9	19.4	19.6	19.9	19.9	20.3	20.3	20.3	20.4	20.5	20.5	20.8	20.9	21.1	21.3
GE 2000	20.7	21.3	21.9	22.2	22.6	22.6	23.0	23.1	23.1	23.2	23.2	23.2	23.5	23.7	23.9	24.1
GE 1800	21.5	22.0	22.8	23.0	23.4	23.4	23.8	23.9	23.9	24.0	24.1	24.1	24.4	24.5	24.7	24.9
GE 1500	24.7	25.3	26.1	26.3	26.9	26.9	27.4	27.4	27.4	27.5	27.6	27.6	28.0	28.1	28.3	28.5
GE 1200	27.5	28.1	29.1	29.4	30.0	30.0	30.6	30.7	30.7	30.8	30.9	30.9	31.3	31.4	31.7	31.9
GE 1000	30.7	31.5	32.8	33.4	34.3	34.3	35.0	35.2	35.2	35.3	35.4	35.4	35.9	36.1	36.3	36.6
GE 900	31.7	32.7	34.1	34.6	35.6	35.7	36.4	36.6	36.6	36.7	36.8	36.8	37.3	37.5	37.7	38.0
GE 800	34.0	35.3	37.2	37.9	39.4	39.5	40.3	40.6	40.6	40.7	40.9	40.9	41.4	41.6	41.8	42.1
GE 700	34.9	36.5	38.7	39.5	41.3	41.4	42.4	42.6	42.7	42.8	42.9	42.9	43.5	43.6	43.9	44.2
GE 600	36.3	38.2	40.6	41.7	44.6	44.8	46.0	46.3	46.4	46.7	46.9	46.9	47.5	47.7	48.0	48.3
GE 500	37.2	39.6	42.5	44.0	47.6	47.8	49.6	50.2	50.3	50.8	51.2	51.2	52.0	52.3	52.7	53.1
GE 400	37.7	40.3	43.5	45.3	49.9	50.3	52.6	53.4	53.6	54.4	55.0	55.0	56.2	56.4	56.8	57.5
GE 300	38.1	40.8	44.1	46.3	51.9	52.4	55.8	57.2	57.4	59.0	60.1	60.2	61.7	62.3	63.0	64.1
GE 200	38.3	41.0	44.4	46.7	52.5	53.1	57.4	59.4	59.7	62.1	64.2	64.3	66.8	68.0	69.5	73.5
GE 100	38.3	41.0	44.4	46.8	52.7	53.3	57.8	59.9	60.3	63.0	65.6	65.7	69.2	70.8	74.7	82.6
GE 000	38.4	41.0	44.5	46.8	52.7	53.3	57.8	60.0	60.4	63.1	65.8	65.9	69.4	71.3	75.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4315

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - JUN 50  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.7	22.8	23.4	23.4	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.6
GE 20000	21.7	22.8	23.4	23.4	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.6
GE 18000	21.9	22.9	23.5	23.5	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.8
GE 16000	22.3	23.4	24.0	24.0	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	25.2
GE 14000	22.8	23.9	24.5	24.5	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.1	25.1	25.1	25.7
GE 12000	22.8	23.9	24.5	24.5	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.1	25.1	25.1	25.7
GE 10000	23.4	24.5	25.1	25.1	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7	26.3
GE 9000	23.7	24.8	25.4	25.4	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.0	26.0	26.6
GE 8000	24.3	25.4	26.0	26.0	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	27.2
GE 7000	25.7	26.8	27.5	27.5	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.7
GE 6000	26.8	27.8	28.6	28.6	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	30.0
GE 5000	27.5	28.6	29.4	29.5	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.9
GE 4500	27.7	28.7	29.5	29.7	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	31.0
GE 4000	28.3	29.4	30.1	30.3	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.7
GE 3500	29.2	30.3	31.0	31.2	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.0	32.0	32.0	32.6
GE 3000	30.7	32.0	32.7	32.9	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8	33.8	34.4
GE 2500	35.2	36.4	37.2	37.3	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	39.0
GE 2000	40.5	41.7	42.5	43.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	45.0
GE 1800	42.8	44.0	44.8	45.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	47.6
GE 1500	46.6	48.6	49.7	51.1	53.1	53.4	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.6
GE 1200	49.1	51.4	52.4	53.8	56.1	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.8
GE 1000	53.4	56.4	58.4	61.0	64.1	64.4	65.6	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	66.5
GE 900	53.7	57.3	59.3	62.2	65.3	65.7	67.0	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.9
GE 800	55.8	59.6	61.8	64.8	68.0	68.5	69.7	69.9	69.9	70.2	70.3	70.3	70.5	70.5	70.5	71.1
GE 700	57.0	61.0	63.3	66.5	69.7	70.2	71.4	71.6	71.6	71.9	72.0	72.0	72.2	72.5	72.5	73.2
GE 600	57.6	61.6	65.0	68.2	71.7	72.2	74.5	74.6	74.6	74.9	75.1	75.1	75.2	75.5	75.5	76.3
GE 500	58.1	62.1	65.4	69.1	74.3	74.8	77.4	77.5	77.5	78.3	78.4	78.4	78.6	78.9	78.9	79.7
GE 400	58.3	62.2	65.6	69.4	74.8	75.2	78.0	78.1	78.1	78.9	79.5	79.5	79.8	80.1	80.3	81.0
GE 300	58.6	62.7	66.4	70.5	76.0	76.5	79.7	80.1	80.1	81.7	82.4	82.4	82.7	83.5	83.6	84.4
GE 200	58.7	62.8	66.5	70.6	76.1	76.6	80.3	80.9	80.9	83.3	84.3	84.3	85.0	86.1	86.7	87.9
GE 100	58.7	62.8	66.5	70.6	76.1	76.6	80.4	81.0	81.0	83.8	84.7	84.7	86.1	87.3	88.7	92.5
GE 000	58.7	62.8	66.5	70.6	76.1	76.6	80.4	81.0	81.0	83.8	84.7	84.7	86.1	87.3	88.8	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.9	20.4	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 20000	19.9	20.4	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 18000	19.9	20.4	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 16000	20.4	20.9	21.6	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 14000	20.9	21.3	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 12000	20.9	21.3	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 10000	20.9	21.3	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 9000	20.9	21.3	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 8000	21.5	22.1	22.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 7000	22.7	23.3	24.2	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 6000	24.4	25.0	25.9	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 5000	25.6	26.2	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 4500	25.8	26.4	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 4000	26.4	27.0	27.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 3500	27.9	28.7	29.6	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 3000	29.8	30.7	31.6	32.1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 2500	32.5	33.4	34.4	34.8	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 2000	40.5	41.6	42.8	44.3	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 1800	42.6	43.7	44.9	46.6	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 1500	46.9	48.6	50.3	52.1	53.1	53.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1200	49.4	51.2	52.9	54.9	56.0	56.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 1000	54.8	57.7	60.1	62.6	64.1	64.4	66.3	66.6	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 900	54.9	58.0	60.6	63.0	64.6	64.9	66.7	67.0	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 800	57.8	61.2	64.1	67.3	69.3	69.6	71.5	71.8	71.8	72.7	73.0	73.0	73.0	73.0	73.0	73.0
GE 700	58.6	62.1	65.2	68.7	70.7	71.0	72.9	73.2	73.2	74.1	74.4	74.4	74.4	74.4	74.4	74.4
GE 600	59.0	62.6	66.9	71.0	73.9	74.2	76.7	77.3	77.3	78.4	78.7	78.8	78.8	78.8	78.8	78.8
GE 500	59.5	63.0	67.6	72.4	76.5	77.0	79.4	80.1	80.1	81.3	81.6	81.7	82.1	82.1	82.1	82.1
GE 400	59.5	63.0	67.8	72.5	77.1	77.6	80.1	81.0	81.1	82.7	83.3	83.4	83.7	83.7	83.7	83.7
GE 300	59.5	63.0	67.8	72.5	77.8	78.2	80.7	81.7	81.9	83.7	84.5	84.7	85.1	85.7	85.7	85.7
GE 200	59.5	63.0	67.8	72.5	77.9	78.4	81.4	82.8	83.0	85.9	86.7	86.8	88.7	88.7	88.7	89.6
GE 100	59.5	63.0	67.8	72.5	77.9	78.4	81.4	82.8	83.0	85.9	87.0	87.1	89.4	90.5	91.0	93.1
GE 000	59.5	63.0	67.8	72.5	77.9	78.4	81.4	82.8	83.0	86.0	87.1	87.3	89.6	90.6	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 652

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.5	16.7	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.7	17.7	17.7	17.7	17.7	17.7	18.0
GE 20000	17.0	17.1	17.6	17.9	17.9	17.9	17.9	17.9	17.9	18.2	18.2	18.2	18.2	18.2	18.2	18.5
GE 18000	17.0	17.1	17.6	17.9	17.9	17.9	17.9	17.9	17.9	18.2	18.2	18.2	18.2	18.2	18.3	18.6
GE 16000	17.3	17.4	17.9	18.2	18.2	18.2	18.2	18.2	18.2	18.5	18.5	18.5	18.5	18.5	18.6	18.9
GE 14000	17.6	17.7	18.2	18.5	18.5	18.5	18.5	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.9	19.2
GE 12000	17.7	17.9	18.3	18.8	18.8	18.8	18.8	18.8	18.8	19.1	19.1	19.1	19.1	19.1	19.2	19.5
GE 10000	18.0	18.2	18.6	19.1	19.1	19.1	19.2	19.2	19.2	19.5	19.5	19.5	19.5	19.5	19.7	20.0
GE 9000	18.0	18.2	18.6	19.1	19.1	19.1	19.2	19.2	19.2	19.5	19.5	19.5	19.5	19.5	19.7	20.0
GE 8000	18.8	18.9	19.4	19.8	19.8	19.8	20.0	20.0	20.0	20.3	20.3	20.3	20.4	20.4	20.6	20.9
GE 7000	20.1	20.3	20.9	21.5	21.5	21.5	21.6	21.6	21.6	21.9	21.9	21.9	22.1	22.1	22.2	22.5
GE 6000	21.0	21.2	21.8	22.4	22.4	22.4	22.5	22.5	22.5	22.8	22.8	22.8	23.1	23.1	23.4	23.7
GE 5000	22.1	22.2	23.0	23.6	23.6	23.6	23.7	23.7	23.7	24.0	24.0	24.0	24.3	24.3	24.6	24.9
GE 4500	22.5	22.7	23.4	24.0	24.0	24.0	24.2	24.2	24.2	24.5	24.5	24.5	24.8	24.8	25.1	25.4
GE 4000	23.4	23.6	24.3	24.9	24.9	24.9	25.1	25.1	25.1	25.4	25.4	25.4	25.7	25.7	26.0	26.3
GE 3500	24.2	24.3	25.2	25.8	25.8	25.8	26.0	26.0	26.0	26.3	26.3	26.3	26.6	26.6	26.9	27.2
GE 3000	27.2	27.5	28.4	29.0	29.1	29.1	29.4	29.4	29.4	29.7	29.7	29.7	30.0	30.0	30.3	30.6
GE 2500	30.5	31.1	32.0	32.6	32.7	32.7	33.0	33.0	33.0	33.3	33.3	33.3	33.6	33.6	33.9	34.2
GE 2000	39.2	40.1	41.3	42.0	42.5	42.5	42.8	42.9	42.9	43.2	43.2	43.2	43.7	43.7	44.0	44.3
GE 1800	42.0	43.1	44.3	45.0	45.5	45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.7	46.7	47.0	47.3
GE 1500	46.8	48.2	49.8	50.9	52.1	52.1	52.7	52.9	52.9	53.2	53.2	53.2	53.8	53.8	54.1	54.4
GE 1200	49.4	5	52.9	53.9	55.1	55.3	56.0	56.2	56.2	56.5	56.5	56.5	57.1	57.1	57.4	57.7
GE 1000	55.6	57.8	59.9	62.0	64.1	64.3	65.6	66.1	66.1	66.7	66.8	66.8	67.4	67.4	67.7	68.0
GE 900	56.0	58.3	60.4	62.5	64.6	64.7	66.2	66.7	66.7	67.4	67.6	67.6	68.2	68.2	68.5	68.8
GE 800	58.0	60.4	62.8	65.5	67.9	68.0	69.5	70.0	70.0	70.9	71.0	71.2	71.8	71.8	72.1	72.4
GE 700	58.3	60.7	63.4	66.2	68.9	69.2	70.7	71.2	71.2	72.1	72.2	72.4	73.0	73.0	73.3	73.6
GE 600	59.3	62.2	65.3	69.5	73.1	73.4	75.1	75.5	75.5	76.4	76.7	76.9	77.5	77.5	77.8	78.1
GE 500	59.5	62.5	66.1	70.3	75.4	76.0	77.8	78.4	78.4	79.6	79.9	80.0	80.8	80.8	81.1	81.4
GE 400	59.5	62.5	66.1	70.3	76.0	76.6	78.4	79.3	79.3	80.5	80.8	80.9	81.7	81.7	82.0	82.3
GE 300	59.5	62.5	66.1	70.3	76.3	76.9	79.1	80.6	80.6	82.0	82.3	82.4	83.5	83.9	84.2	84.8
GE 200	59.5	62.6	66.2	70.4	76.4	77.0	79.6	81.2	81.2	83.0	83.6	83.8	85.3	85.9	86.3	88.0
GE 100	59.5	62.6	66.2	70.4	76.7	77.3	80.2	81.8	81.8	84.1	84.7	84.8	87.2	87.8	88.7	92.5
GE 000	59.5	62.6	66.2	70.4	76.7	77.3	80.2	81.8	81.8	84.1	84.7	84.8	87.2	87.8	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS 666

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME. AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.2	14.6	15.3	15.6	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 20000	14.7	15.3	16.1	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 18000	15.0	15.6	16.4	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 16000	15.6	16.2	16.9	17.2	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 14000	15.8	16.4	17.1	17.4	17.5	17.5	17.5	17.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 12000	15.9	16.5	17.2	17.5	17.7	17.7	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1
GE 10000	16.1	16.6	17.4	17.7	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.4
GE 9000	16.1	16.6	17.4	17.7	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.4
GE 8000	17.5	18.1	18.8	19.1	19.3	19.3	19.4	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.9
GE 7000	20.9	21.6	22.3	22.8	22.9	22.9	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.5
GE 6000	22.8	23.5	24.4	24.8	25.0	25.0	25.1	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.5
GE 5000	22.9	23.6	24.5	25.0	25.1	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.7
GE 4500	23.4	24.1	25.0	25.4	25.5	25.5	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1
GE 4000	24.8	25.5	26.4	26.9	27.0	27.0	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.6
GE 3500	27.9	28.6	29.5	29.9	30.1	30.1	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.7
GE 3000	31.1	32.0	32.8	33.3	33.4	33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0
GE 2500	34.7	35.6	36.5	36.9	37.2	37.2	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 2000	42.2	43.1	44.1	44.5	45.4	45.4	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1
GE 1800	44.4	45.3	46.3	46.7	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.3
GE 1500	48.6	49.9	51.4	52.1	53.9	53.9	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 1200	51.5	52.8	54.3	55.0	57.2	57.2	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
GE 1000	54.9	57.2	59.1	60.1	62.9	62.9	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.8
GE 900	55.5	58.0	60.0	61.5	64.4	64.4	64.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.4
GE 800	57.1	59.7	62.0	64.2	67.6	68.2	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.3
GE 700	57.7	60.6	63.2	66.0	69.3	70.1	70.8	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.4
GE 600	58.0	61.3	64.4	67.7	71.8	72.6	74.0	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.7	75.0
GE 500	58.2	61.9	65.1	68.8	73.7	74.6	76.1	76.4	76.5	76.9	77.1	77.1	77.2	77.4	77.4	77.7
GE 400	58.4	62.0	65.3	69.1	74.3	75.2	77.2	77.5	77.7	78.7	78.8	78.8	79.0	79.1	79.1	79.6
GE 300	58.5	62.2	65.4	69.2	75.3	76.5	79.6	80.1	80.3	81.6	81.9	81.9	82.5	82.8	83.1	83.6
GE 200	58.7	62.3	65.5	69.3	75.8	76.9	80.4	81.6	81.9	83.6	84.2	84.2	85.3	85.7	86.1	88.0
GE 100	58.7	62.3	65.5	69.3	75.8	76.9	80.6	81.9	82.2	83.9	84.7	84.7	86.1	86.7	87.6	92.1
GE 000	58.7	62.3	65.5	69.3	75.8	76.9	80.6	81.9	82.2	83.9	84.7	84.7	86.1	86.7	87.7	100.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.2
GE 20000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.6	13.6
GE 18000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.2	14.2
GE 16000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.5	14.5
GE 14000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.6
GE 12000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.1	15.1
GE 10000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.1	15.2
GE 9000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.1	15.2
GE 8000	16.7	16.7	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.3	17.4
GE 7000	21.2	21.2	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.8	21.9
GE 6000	24.6	24.6	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.7
GE 5000	25.7	25.7	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.8	26.9
GE 4500	25.9	25.9	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.0
GE 4000	28.1	28.1	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.1	29.2
GE 3500	31.0	31.1	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.3
GE 3000	36.7	36.8	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.0
GE 2500	40.5	40.6	41.5	41.7	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.3	42.4
GE 2000	48.1	48.2	49.6	49.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	51.0	51.2
GE 1800	48.8	49.0	50.3	50.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.9
GE 1500	53.8	54.2	56.1	56.3	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	58.0
GE 1200	56.1	56.6	58.5	58.6	59.8	59.8	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.4	60.5
GE 1000	59.4	60.4	63.2	64.2	65.8	65.9	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.8	67.0
GE 900	60.2	61.3	64.0	65.1	66.7	67.0	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.8	68.0
GE 800	61.0	62.0	65.4	67.3	69.6	70.2	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.2	71.3
GE 700	61.8	63.0	66.4	68.6	71.2	71.8	72.4	72.4	72.4	72.5	72.5	72.5	72.7	72.7	73.0	73.1
GE 600	62.1	63.6	67.3	69.6	72.2	72.8	73.8	74.0	74.0	74.1	74.1	74.1	74.3	74.3	74.6	74.7
GE 500	62.3	64.0	68.0	70.6	73.7	74.3	75.7	75.9	75.9	76.9	76.9	76.9	77.0	77.0	77.3	77.5
GE 400	62.6	64.3	68.6	71.2	74.4	75.0	76.8	77.3	77.3	78.7	79.1	79.1	79.2	79.4	79.7	79.8
GE 300	62.6	64.3	68.6	71.6	75.6	76.2	78.5	79.4	79.4	81.3	82.2	82.2	82.7	83.0	83.9	84.1
GE 200	62.6	64.3	68.7	71.8	75.9	76.5	79.1	80.0	80.0	82.3	83.9	83.9	85.1	85.4	86.4	88.0
GE 100	62.6	64.3	68.7	71.8	75.9	76.5	79.1	80.0	80.0	82.3	84.1	84.1	86.1	86.5	88.9	93.0
GE 000	62.6	64.3	68.7	71.3	75.9	76.5	79.1	80.0	80.0	82.3	84.1	84.1	86.1	86.5	89.3	100.0

TOTAL NUMBER OF OBSERVATIONS 684



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.7	15.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 20000	16.6	16.6	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 18000	17.1	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 16000	17.4	17.4	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 14000	17.4	17.4	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 12000	17.7	17.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 10000	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 9000	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 8000	19.1	19.3	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 7000	24.6	24.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 6000	27.1	27.4	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 5000	28.1	28.4	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 4500	28.6	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 4000	30.0	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 3500	31.9	32.1	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 3000	37.3	37.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 2500	42.3	42.6	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 2000	49.4	50.1	51.0	51.4	52.1	52.1	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 1800	50.3	51.1	52.0	52.4	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1500	51.6	52.9	53.9	54.7	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1200	54.1	55.4	56.7	57.9	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 1000	58.0	60.0	61.9	63.7	65.0	65.0	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 900	58.6	60.7	62.7	64.9	66.4	66.4	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 800	60.7	63.3	65.4	68.6	71.0	71.1	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 700	61.7	64.3	66.4	69.9	72.9	73.0	73.9	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 600	62.1	64.9	67.1	71.3	74.4	74.7	76.3	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 500	62.4	65.1	67.7	72.0	75.9	76.4	78.1	78.7	78.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 400	62.4	65.1	67.9	72.4	76.4	77.1	79.4	80.0	80.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 300	62.4	65.1	68.1	72.7	77.3	78.6	81.6	82.3	82.3	83.9	83.9	83.9	84.3	84.6	85.0	86.0
GE 200	62.6	65.3	68.4	73.1	77.7	79.0	82.1	83.1	83.3	86.1	86.7	86.7	87.4	88.0	88.4	91.3
GE 100	62.6	65.3	68.4	73.1	77.9	79.1	82.3	83.4	83.6	86.4	87.4	87.4	88.6	89.3	90.0	94.4
GE 000	62.6	65.3	68.4	73.1	77.9	79.1	82.3	83.4	83.6	86.4	87.4	87.4	88.6	89.3	90.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.9	16.3	17.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 20000	16.0	16.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 18000	16.8	17.2	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 16000	17.3	17.8	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 14000	17.5	17.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 12000	18.1	18.5	19.7	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 10000	19.1	19.5	20.8	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000	19.5	19.9	21.2	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 8000	20.2	20.8	22.1	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 7000	22.3	23.0	24.3	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 6000	24.1	25.3	26.9	27.0	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5
GE 5000	25.0	26.2	27.7	27.9	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3
GE 4500	25.9	27.0	28.6	28.9	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3
GE 4000	26.9	28.0	29.6	29.9	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3
GE 3500	29.2	30.3	32.1	32.4	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8
GE 3000	35.5	36.7	38.4	38.7	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3
GE 2500	38.9	40.0	41.9	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8
GE 2000	44.1	45.5	47.4	48.3	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.1
GE 1800	45.2	46.8	48.7	49.6	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4
GE 1500	47.7	49.3	51.2	52.0	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.2	53.2	53.2	53.2
GE 1200	51.6	53.9	55.8	57.5	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7
GE 1000	55.1	58.1	60.4	63.0	64.2	64.2	64.6	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0
GE 900	55.5	58.7	61.0	63.6	65.0	65.0	65.5	65.6	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9
GE 800	57.9	61.4	64.0	66.8	68.4	68.4	68.8	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2
GE 700	58.8	62.3	65.5	68.4	70.4	70.5	71.4	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8
GE 600	59.8	63.3	66.8	70.2	73.1	73.3	74.6	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 500	60.5	64.2	67.9	71.7	75.9	76.2	78.0	78.3	78.3	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 400	60.7	64.3	68.2	72.0	77.5	77.7	79.9	80.5	80.5	80.9	81.2	81.2	81.4	81.4	81.4	81.4
GE 300	60.8	64.6	68.8	72.7	78.5	78.8	81.5	82.5	82.5	83.8	84.2	84.2	84.5	84.7	84.8	85.4
GE 200	60.8	64.7	68.9	73.0	78.9	79.3	82.8	83.8	84.0	86.1	86.7	86.7	87.3	87.4	87.7	90.0
GE 100	60.8	64.7	68.9	73.0	78.9	79.3	83.1	84.1	84.2	86.8	87.4	87.4	88.2	88.6	89.5	93.9
GE 000	60.8	64.7	68.9	73.0	78.9	79.3	83.1	84.1	84.2	86.8	87.4	87.4	88.2	88.6	89.7	100.0

TOTAL NUMBER OF OBSERVATIONS 692

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.3	18.7	19.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8
GE 20000	18.4	18.9	19.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.0
GE 18000	18.4	18.9	19.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.0
GE 16000	18.9	19.3	20.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.4
GE 14000	19.3	19.8	20.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.8
GE 12000	19.6	20.1	21.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1
GE 10000	20.2	20.7	21.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7
GE 9000	21.0	21.4	22.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5
GE 8000	22.0	22.4	23.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.7
GE 7000	23.2	23.8	24.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.2
GE 6000	24.7	25.4	26.4	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.1
GE 5000	25.3	26.0	27.0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.7
GE 4500	25.6	26.3	27.3	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	29.0
GE 4000	26.7	27.5	28.5	30.0	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
GE 3500	28.2	29.0	30.2	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1
GE 3000	31.1	31.8	33.1	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2
GE 2500	35.7	36.6	37.9	39.5	39.5	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
GE 2000	41.6	42.5	44.3	46.2	46.2	46.4	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
GE 1800	44.3	45.2	47.0	49.0	49.0	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
GE 1500	48.4	49.6	51.6	54.1	54.4	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
GE 1200	51.0	52.3	54.2	57.2	57.5	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
GE 1000	56.2	57.9	60.5	64.6	65.5	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 900	56.5	58.4	61.2	65.4	66.3	67.0	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8
GE 800	58.7	60.8	63.7	68.1	69.4	70.4	70.9	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.5
GE 700	59.1	61.2	64.3	68.8	70.4	71.5	71.9	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5
GE 600	59.6	61.8	66.0	70.7	73.1	74.3	75.6	75.9	76.1	76.8	76.8	76.8	76.8	76.8	76.8	77.0
GE 500	59.7	62.4	66.6	71.8	74.7	75.9	78.3	78.8	78.9	80.2	80.2	80.2	80.2	80.2	80.5	80.7
GE 400	60.0	62.9	67.0	72.4	76.1	77.3	79.9	80.5	80.7	82.3	82.3	82.3	82.3	82.3	82.6	82.8
GE 300	60.3	63.2	67.3	72.7	76.7	77.9	81.3	82.0	82.2	84.7	84.7	84.7	84.7	84.7	85.0	85.6
GE 200	60.3	63.2	67.3	72.7	76.8	78.2	81.9	82.6	82.8	85.7	85.7	85.7	86.2	86.2	86.9	89.2
GE 100	60.3	63.2	67.3	72.7	76.8	78.3	82.0	82.8	82.9	86.0	86.2	86.3	87.1	87.5	88.9	93.2
GE 000	60.3	63.2	67.3	72.7	76.8	78.3	82.0	82.8	82.9	86.0	86.2	86.3	87.1	87.5	89.0	100.0

TOTAL NUMBER OF OBSERVATIONS 673

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.9	17.2	17.8	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.4
GE 20000	17.2	17.6	18.2	18.4	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.7
GE 18000	17.5	17.9	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	19.1
GE 16000	17.9	18.3	18.9	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.4	19.5
GE 14000	18.2	18.6	19.2	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8
GE 12000	18.4	18.8	19.4	19.7	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	20.1
GE 10000	18.8	19.2	19.8	20.1	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.5
GE 9000	19.0	19.4	20.0	20.3	20.3	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.7
GE 8000	20.0	20.4	21.1	21.4	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.9
GE 7000	22.6	23.1	23.8	24.2	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.7
GE 6000	24.4	25.0	25.9	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.7	26.9
GE 5000	25.3	25.9	26.8	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.6	27.7
GE 4500	25.7	26.2	27.1	27.6	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.9	27.9	28.0	28.1
GE 4000	26.8	27.4	28.4	28.8	28.9	28.9	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.2	29.4
GE 3500	28.7	29.3	30.3	30.8	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.2	31.4
GE 3000	32.5	33.2	34.2	34.7	34.9	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.2	35.4
GE 2500	36.3	37.1	38.2	38.6	38.9	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3	39.5
GE 2000	43.3	44.2	45.4	46.2	46.9	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.5
GE 1800	45.1	46.1	47.3	48.2	48.9	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.5
GE 1500	48.9	50.2	51.8	52.9	54.0	54.1	54.5	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	55.0
GE 1200	51.6	53.1	54.8	56.1	57.3	57.5	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.5
GE 1000	55.9	58.2	60.5	62.7	64.5	64.7	65.5	65.6	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.2
GE 900	56.4	58.8	61.2	63.5	65.4	65.6	66.5	66.6	66.6	66.9	66.9	66.9	67.1	67.1	67.1	67.3
GE 800	58.4	61.1	63.7	66.6	68.9	69.3	70.2	70.4	70.4	70.8	70.9	70.9	71.0	71.0	71.1	71.3
GE 700	59.2	61.9	64.7	67.9	70.5	70.9	71.9	72.1	72.1	72.5	72.6	72.6	72.7	72.8	72.8	73.0
GE 600	59.7	62.7	66.1	69.8	72.9	73.4	75.1	75.4	75.4	75.9	76.0	76.0	76.1	76.2	76.3	76.5
GE 500	60.1	63.2	66.8	70.8	75.0	75.6	77.6	78.0	78.0	78.9	79.0	79.1	79.3	79.3	79.4	79.7
GE 400	60.2	63.3	67.1	71.2	75.8	76.5	78.7	79.3	79.3	80.4	80.7	80.8	81.0	81.1	81.2	81.4
GE 300	60.3	63.5	67.3	71.5	76.7	77.4	80.2	81.1	81.2	82.8	83.3	83.3	83.8	84.1	84.4	85.0
GE 200	60.4	63.6	67.4	71.7	77.0	77.7	81.0	82.0	82.1	84.5	85.2	85.3	86.2	86.7	87.2	89.0
GE 100	60.4	63.6	67.4	71.7	77.0	77.8	81.2	82.2	82.4	84.9	85.8	85.8	87.3	88.0	89.1	93.1
GE 000	60.4	63.6	67.4	71.7	77.0	77.8	81.2	82.2	82.4	84.9	85.8	85.8	87.4	88.1	89.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5406

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	34.3	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5
GE 20000	33.6	34.3	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5
GE 18000	33.6	34.3	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5
GE 16000	33.6	34.3	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5
GE 14000	33.7	34.4	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.7
GE 12000	33.7	34.4	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.7
GE 10000	33.7	34.4	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.7
GE 9000	34.2	34.8	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.1
GE 8000	34.6	35.3	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5
GE 7000	35.5	36.4	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
GE 6000	36.5	37.4	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.0
GE 5000	37.2	38.1	39.2	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8
GE 4500	38.4	39.4	40.5	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
GE 4000	39.8	40.7	41.8	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4
GE 3500	42.5	43.5	44.6	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3
GE 3000	45.8	46.8	47.9	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
GE 2500	49.5	50.8	52.0	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
GE 2000	57.8	59.3	61.5	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
GE 1800	60.9	62.4	64.7	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
GE 1500	66.4	68.4	71.5	72.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 1200	70.0	72.4	75.6	77.1	78.1	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9
GE 1000	72.6	76.0	79.6	81.6	83.1	83.3	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4
GE 900	73.3	77.0	80.7	82.9	84.6	84.9	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 800	74.3	78.5	82.2	84.6	86.4	86.7	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.3
GE 700	74.3	78.5	82.4	85.0	86.8	87.1	88.1	88.3	88.3	88.6	88.6	88.6	88.6	88.8	88.8	88.9
GE 600	74.8	78.9	82.9	85.6	87.5	87.9	89.3	89.6	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.4
GE 500	74.9	79.0	83.0	86.0	87.9	88.5	90.1	90.4	90.7	91.2	91.2	91.2	91.4	91.5	91.5	91.6
GE 400	75.3	79.4	83.4	86.4	88.3	88.9	90.9	91.4	91.8	92.5	92.5	92.5	92.6	93.4	93.4	93.6
GE 300	75.3	79.4	83.5	86.6	88.5	89.0	91.2	91.8	92.2	93.1	93.1	93.1	93.7	94.8	94.8	95.1
GE 200	75.3	79.4	83.5	86.7	89.2	89.7	91.9	92.6	93.0	94.7	94.9	94.9	96.0	97.4	97.4	97.8
GE 100	75.3	79.4	83.5	86.7	89.2	89.7	91.9	92.7	93.1	95.1	95.3	95.3	96.7	98.1	98.2	98.8
GE 000	75.3	79.4	83.5	86.7	89.2	89.7	91.9	92.7	93.1	95.1	95.3	95.3	96.7	98.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 729

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 20000	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 18000	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 16000	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 14000	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 12000	32.2	33.0	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.0
GE 10000	32.6	33.4	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.4
GE 9000	32.8	33.7	35.0	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.7
GE 8000	34.1	34.9	36.2	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9
GE 7000	34.5	35.3	36.8	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.5
GE 6000	34.9	35.7	37.3	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	38.0
GE 5000	35.8	36.6	38.4	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.1
GE 4500	36.2	37.1	38.8	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.5
GE 4000	38.6	39.4	41.1	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.8
GE 3500	40.9	41.7	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.1
GE 3000	44.4	45.2	47.0	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.8
GE 2500	49.5	50.3	52.2	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4
GE 2000	56.9	57.9	59.8	60.2	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4
GE 1800	60.4	61.4	63.4	63.8	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0
GE 1500	66.3	67.7	70.0	70.8	71.9	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.9
GE 1200	70.3	72.1	74.8	75.6	76.8	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.9	78.1	78.1	78.3
GE 1000	74.5	77.1	80.7	81.9	83.5	83.7	84.2	84.3	84.3	84.7	84.7	84.7	85.0	85.1	85.1	85.4
GE 900	75.5	78.1	81.6	83.0	84.7	84.9	85.4	85.6	85.6	86.0	86.0	86.0	86.2	86.4	86.4	86.6
GE 800	76.0	79.2	83.0	84.7	86.8	86.9	88.0	88.1	88.1	88.6	88.6	88.6	88.8	89.0	89.0	89.2
GE 700	76.2	79.6	83.4	85.4	87.6	87.7	89.0	89.1	89.1	89.5	89.5	89.5	89.8	89.9	89.9	90.2
GE 600	76.6	80.0	83.8	86.1	89.1	89.2	90.9	91.0	91.0	91.4	91.6	91.6	92.0	92.1	92.1	92.4
GE 500	76.8	80.2	84.1	86.4	89.5	89.6	91.7	91.8	91.8	92.4	92.5	92.5	93.1	93.2	93.2	93.5
GE 400	77.0	80.4	84.2	86.5	89.6	89.8	92.0	92.2	92.2	93.1	93.3	93.3	94.0	94.4	94.4	94.7
GE 300	77.0	80.4	84.3	86.6	90.1	90.2	92.6	93.2	93.2	94.3	94.6	94.6	95.5	96.0	96.0	96.3
GE 200	77.0	80.4	84.3	86.6	90.1	90.2	92.8	93.3	93.3	94.7	95.0	95.0	96.0	96.9	97.0	97.4
GE 100	77.0	80.4	84.3	86.6	90.2	90.3	92.9	93.6	93.6	95.1	95.4	95.4	97.0	97.8	98.1	99.0
GE 000	77.0	80.4	84.3	86.6	90.2	90.3	92.9	93.6	93.6	95.1	95.4	95.4	97.0	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 734

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 00 08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.1	32.2	33.1	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2
GE 20000	32.1	32.2	33.1	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2
GE 18000	32.1	32.2	33.1	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2
GE 16000	32.1	32.2	33.1	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2
GE 14000	32.1	32.2	33.1	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.2
GE 12000	32.5	32.7	33.5	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.6
GE 10000	32.5	32.7	33.5	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.6
GE 9000	32.8	32.9	33.7	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.8
GE 8000	33.5	33.6	34.4	34.7	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.5
GE 7000	34.0	34.2	35.0	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1
GE 6000	35.1	35.2	36.1	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	37.2
GE 5000	35.8	35.9	36.9	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.1
GE 4500	36.2	36.3	37.3	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.5
GE 4000	38.4	38.5	39.5	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.7
GE 3500	41.1	41.4	42.5	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.7
GE 3000	45.9	46.3	47.8	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	49.2
GE 2500	51.1	51.6	53.4	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.9
GE 2000	58.7	60.2	62.2	63.3	63.8	63.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.8
GE 1800	60.8	62.3	64.2	65.3	65.8	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.8
GE 1500	66.4	68.3	70.5	71.7	72.3	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	73.4
GE 1200	69.4	71.6	74.3	75.8	76.6	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.6	78.1
GE 1000	73.4	75.8	79.4	81.4	82.7	82.7	83.5	83.7	83.7	84.0	84.2	84.2	84.3	84.3	84.4	85.0
GE 900	74.2	76.6	80.2	82.2	83.5	83.5	84.3	84.6	84.6	84.8	85.0	85.0	85.1	85.1	85.2	85.8
GE 800	75.1	78.6	82.5	84.6	86.5	86.5	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.7	89.2
GE 700	75.5	79.1	83.2	85.2	87.2	87.2	88.4	88.7	88.7	88.9	89.1	89.1	89.2	89.2	89.3	89.9
GE 600	76.1	80.1	84.2	86.3	88.9	89.1	90.4	90.7	90.8	91.3	91.5	91.5	91.7	91.7	91.8	92.3
GE 500	76.5	80.6	84.7	87.2	89.9	90.0	91.4	91.7	91.8	92.5	92.8	92.8	93.2	93.2	93.3	93.9
GE 400	76.5	80.6	84.7	87.3	90.2	90.3	91.8	92.1	92.2	93.2	93.4	93.4	93.9	93.9	94.0	94.5
GE 300	76.6	80.7	84.8	87.6	90.6	90.7	92.2	92.5	92.6	93.6	94.0	94.0	94.4	94.7	94.8	95.5
GE 200	76.6	80.7	84.8	87.6	90.8	91.0	92.5	92.8	92.9	94.5	95.1	95.1	95.5	96.2	96.3	97.0
GE 100	76.6	80.7	84.8	87.6	90.8	91.0	92.6	92.9	93.0	95.2	95.9	95.9	96.3	97.0	97.3	98.4
GE 000	76.6	80.7	84.8	87.6	90.8	91.0	92.6	92.9	93.0	95.2	95.9	95.9	96.3	97.0	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 732

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	22.9	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	24.0
GE 20000	22.5	22.9	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	24.0
GE 18000	22.6	23.1	23.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	24.1
GE 16000	22.6	23.1	23.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	24.1
GE 14000	23.5	23.9	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.7	25.2
GE 12000	23.7	24.1	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.0	25.0	25.0	25.5
GE 10000	24.4	24.8	25.2	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	26.2
GE 9000	24.6	25.0	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8	25.8	26.3
GE 8000	25.5	25.9	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	27.3
GE 7000	26.5	26.9	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.7	27.7	28.2
GE 6000	29.7	30.3	30.8	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.4	31.4	31.4	31.9
GE 5000	30.7	31.2	31.9	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.5	33.0
GE 4500	31.0	31.5	32.2	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	33.3
GE 4000	32.6	33.2	33.8	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.9
GE 3500	35.6	36.2	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.9
GE 3000	41.5	42.0	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4	43.4	43.4	43.9
GE 2500	46.4	46.9	48.0	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.4
GE 2000	56.8	57.6	59.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.7
GE 1800	58.9	59.9	61.5	62.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.4
GE 1500	66.4	67.7	69.4	71.1	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	73.0
GE 1200	69.2	70.5	72.6	74.5	75.4	75.4	75.7	75.7	75.7	75.7	75.9	75.9	76.0	76.0	76.0	76.5
GE 1000	72.0	73.8	76.1	78.4	79.7	79.7	79.9	80.1	80.1	80.1	80.2	80.2	80.4	80.4	80.4	80.9
GE 900	74.2	76.1	78.6	80.9	82.7	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.9
GE 800	75.6	77.5	80.5	83.1	85.7	85.7	86.1	86.2	86.2	86.2	86.4	86.4	86.5	86.5	86.5	87.0
GE 700	76.0	78.2	81.3	84.3	87.4	87.4	88.3	88.4	88.4	88.4	88.5	88.5	88.7	88.7	88.7	89.2
GE 600	76.5	78.7	82.0	85.1	88.8	88.8	89.8	90.0	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.9
GE 500	76.7	78.9	82.3	85.7	89.6	89.8	90.7	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.4	92.0
GE 400	76.7	78.9	82.4	86.1	90.2	90.3	91.3	91.5	91.5	91.8	92.0	92.0	92.1	92.5	92.5	93.0
GE 300	76.7	78.9	82.4	86.1	90.5	90.6	91.7	92.0	92.0	92.8	93.0	93.0	93.2	93.7	93.7	94.3
GE 200	76.7	78.9	82.4	86.1	90.7	90.9	92.6	93.2	93.2	94.4	95.0	95.0	95.1	95.6	95.8	96.9
GE 100	76.7	78.9	82.4	86.1	90.9	91.0	92.8	93.3	93.3	94.7	95.2	95.2	95.6	96.3	96.6	97.8
GE 000	76.7	78.9	82.4	86.1	90.9	91.0	92.8	93.3	93.3	94.7	95.2	95.2	95.6	96.3	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 733



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.6	21.9	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4
GE 20000	22.3	22.6	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1
GE 18000	22.6	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.4
GE 16000	23.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.8
GE 14000	23.3	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.1
GE 12000	23.4	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.2
GE 10000	23.9	24.2	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.8
GE 9000	24.1	24.4	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.2
GE 8000	25.3	25.6	25.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.4
GE 7000	26.1	26.5	26.7	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.3
GE 6000	30.3	30.7	30.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.6
GE 5000	31.7	32.1	32.2	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9
GE 4500	32.8	33.2	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0
GE 4000	33.9	34.3	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.1
GE 3500	36.7	37.1	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	38.0
GE 3000	42.0	42.4	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5
GE 2500	48.8	49.4	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9
GE 2000	58.2	59.0	59.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
GE 1800	60.0	60.8	61.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4
GE 1500	66.9	67.9	69.0	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
GE 1200	69.0	70.2	71.6	73.3	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3
GE 1000	72.8	74.4	76.3	78.5	79.6	79.6	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.5
GE 900	74.3	76.2	78.1	80.3	81.4	81.4	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.3
GE 800	75.5	78.0	80.4	82.9	84.6	85.0	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	86.0
GE 700	76.5	78.9	81.5	84.5	86.4	86.8	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.9
GE 600	76.7	79.3	82.7	85.7	88.3	88.7	89.5	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.6
GE 500	76.7	79.3	83.0	86.1	89.3	89.7	90.7	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.8
GE 400	76.7	79.3	83.3	86.4	89.8	90.2	91.7	92.5	92.5	93.1	93.5	93.5	93.5	93.5	93.5	93.7
GE 300	76.7	79.3	83.3	86.4	89.9	90.3	92.5	93.3	93.3	94.0	94.6	94.6	94.6	94.6	94.8	95.5
GE 200	76.7	79.3	83.3	86.4	90.1	90.5	93.5	94.3	94.3	95.1	95.8	95.8	95.8	96.2	96.3	97.1
GE 100	76.7	79.3	83.3	86.4	90.1	90.5	93.5	94.4	94.4	95.2	95.9	95.9	96.1	96.5	96.9	97.7
GE 000	76.7	79.3	83.3	86.4	90.1	90.5	93.5	94.4	94.4	95.2	95.9	95.9	96.1	96.5	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.6	22.8	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 20000	23.1	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 18000	23.2	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 16000	23.8	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 14000	24.5	24.7	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 12000	24.7	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 10000	25.3	25.5	25.5	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 9000	25.7	26.0	26.0	26.0	26.2	26.2	6.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 8000	27.0	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 7000	28.5	28.8	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 6000	30.2	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 5000	31.0	31.4	31.4	31.5	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 4500	32.1	32.5	32.5	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 4000	32.6	33.0	33.0	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 3500	35.3	35.7	35.7	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 3000	39.5	40.1	40.1	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 2500	46.7	47.3	47.3	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 2000	56.8	57.7	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 1800	59.5	60.6	60.7	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1500	65.8	67.1	67.7	68.3	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	69.3	71.1	72.3	73.1	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1000	72.7	74.9	76.8	78.4	79.3	79.5	79.5	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 900	73.6	75.8	77.7	79.5	80.8	81.0	81.0	81.1	81.1	81.3	81.4	81.4	81.7	81.7	81.7	81.7
GE 800	75.1	77.6	80.4	82.5	84.1	84.2	84.6	84.8	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3
GE 700	75.7	78.1	81.4	84.0	85.6	85.7	86.1	86.3	86.3	86.4	86.5	86.5	86.8	86.8	86.8	86.8
GE 600	76.1	78.5	82.1	85.1	87.5	87.6	88.7	88.9	88.9	89.0	89.1	89.1	89.4	89.4	89.4	89.4
GE 500	76.2	78.9	82.6	85.7	88.6	88.7	89.8	90.1	90.1	90.2	90.4	90.4	90.6	90.6	90.6	90.6
GE 400	76.2	78.9	82.6	85.7	89.0	89.3	90.8	91.3	91.3	91.4	91.6	91.6	92.1	92.3	92.4	92.4
GE 300	76.2	78.9	82.7	85.9	89.7	90.1	92.0	92.7	92.8	93.1	93.2	93.2	94.0	94.6	94.8	95.2
GE 200	76.2	78.9	82.7	86.0	90.1	90.5	92.5	93.6	93.9	94.4	94.7	94.7	95.5	96.1	96.7	97.4
GE 100	76.2	78.9	82.7	86.0	90.1	90.5	92.7	93.8	94.0	94.8	95.1	95.1	96.1	96.6	97.7	98.4
GE 000	76.2	78.9	82.7	86.0	90.1	90.5	92.7	93.8	94.0	94.8	95.1	95.1	96.1	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 736

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.6	21.6	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 20000	22.4	22.4	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 18000	22.7	22.7	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 16000	22.8	22.8	23.2	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	23.5	23.5	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 12000	23.6	23.6	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 10000	23.8	23.8	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 9000	24.2	24.2	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 8000	25.4	25.4	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 7000	27.0	27.0	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 6000	30.1	30.1	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 5000	31.3	31.3	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 4500	31.7	31.7	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 4000	32.7	32.8	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 3500	33.7	33.9	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 3000	37.8	38.0	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 2500	43.7	43.9	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 2000	55.6	55.7	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 1800	57.1	57.4	58.6	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1500	63.8	64.6	66.7	67.2	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1200	67.9	68.9	71.7	72.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1000	72.0	73.6	77.3	78.8	80.5	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 900	72.1	73.8	77.6	79.4	81.4	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
GE 800	73.1	74.9	78.8	80.9	83.2	83.3	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 700	73.9	76.0	80.2	82.5	85.0	85.1	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
GE 600	74.0	76.2	80.7	83.5	86.5	86.6	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 500	74.0	76.2	80.7	83.7	87.6	87.7	89.1	89.5	89.5	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 400	74.0	76.4	80.9	84.0	87.8	88.0	89.6	90.0	90.0	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 300	74.0	76.4	80.9	84.2	88.5	88.7	90.4	91.1	91.1	92.3	92.3	92.3	92.9	93.4	93.4	93.9
GE 200	74.0	76.4	80.9	84.2	89.1	89.2	91.1	91.9	91.9	93.6	94.1	94.1	94.7	95.5	95.6	96.2
GE 100	74.0	76.4	80.9	84.2	89.1	89.2	91.1	91.9	91.9	93.6	94.1	94.1	95.1	95.9	96.6	97.3
GE 000	74.0	76.4	80.9	84.2	89.1	89.2	91.1	91.9	91.9	93.6	94.1	94.1	95.1	95.9	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 732

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.1	29.7	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 20000	29.3	29.8	30.5	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 18000	29.4	29.9	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 16000	29.4	29.9	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 14000	29.5	30.1	30.8	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 12000	29.7	30.2	30.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 10000	29.8	30.4	31.0	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 9000	30.5	31.0	31.7	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 8000	31.0	31.7	32.4	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 7000	32.6	33.4	34.2	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 6000	33.2	34.1	34.9	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 5000	33.8	34.6	35.4	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 4500	34.8	35.6	36.4	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 4000	37.2	38.0	38.9	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 3500	39.0	39.8	40.7	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 3000	42.9	43.7	44.5	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 2500	46.3	47.1	48.4	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2000	54.4	55.5	57.1	58.1	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1800	58.4	59.6	61.3	62.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1500	64.4	65.9	68.1	69.5	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1200	66.3	68.3	71.0	72.7	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1000	70.7	73.4	77.2	79.0	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 900	70.7	73.4	77.7	79.8	82.0	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 800	72.5	75.3	79.8	82.4	84.8	84.8	85.3	85.7	85.7	85.9	85.9	85.9	86.0	86.1	86.1	86.1
GE 700	72.7	75.5	80.2	82.8	85.2	85.2	85.7	86.1	86.1	86.3	86.3	86.3	86.4	86.5	86.5	86.5
GE 600	72.8	75.8	80.6	83.5	86.0	86.0	87.1	87.5	87.5	87.6	87.6	87.6	87.9	88.0	88.0	88.0
GE 500	72.9	76.0	80.8	83.9	86.7	86.7	87.9	88.3	88.3	88.6	88.6	88.6	88.9	89.0	89.0	89.0
GE 400	73.1	76.2	81.0	84.3	87.9	87.9	89.6	90.1	90.1	90.4	90.4	90.4	90.7	91.2	91.2	91.2
GE 300	73.1	76.2	81.2	84.6	88.5	88.5	90.2	90.8	90.8	91.9	91.9	91.9	92.2	93.3	93.3	93.3
GE 200	73.1	76.2	81.2	84.6	89.1	89.1	90.9	91.5	91.5	93.4	93.7	93.7	94.2	95.9	95.9	96.2
GE 100	73.1	76.2	81.2	84.6	89.1	89.1	90.9	91.5	91.5	93.5	94.0	94.0	95.1	96.7	96.8	97.8
GE 000	73.1	76.2	81.2	84.6	89.1	89.1	90.9	91.5	91.5	93.5	94.0	94.0	95.1	96.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.9	27.3	27.9	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.4
GE 20000	27.2	27.6	28.1	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6
GE 18000	27.3	27.7	28.2	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.8
GE 16000	27.4	27.8	28.4	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.9
GE 14000	27.8	28.2	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.3
GE 12000	27.9	28.3	28.9	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4
GE 10000	28.2	28.6	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.7
GE 9000	28.6	29.0	29.6	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.2
GE 8000	29.5	30.0	30.5	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.1
GE 7000	30.6	31.0	31.7	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3
GE 6000	32.5	33.0	33.7	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.3
GE 5000	33.4	33.9	34.6	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.3
GE 4500	34.1	34.6	35.4	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	36.1
GE 4000	35.7	36.2	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7
GE 3500	38.1	38.7	39.4	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.1
GE 3000	42.5	43.1	43.9	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.8
GE 2500	47.8	48.4	49.4	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.6
GE 2000	56.9	57.9	59.3	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.0
GE 1800	59.5	60.6	62.0	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9
GE 1500	65.8	67.2	69.1	70.3	71.1	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.6
GE 1200	68.9	70.6	73.0	74.4	75.3	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.1
GE 1000	72.6	74.9	77.9	79.8	81.2	81.2	81.7	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.4
GE 900	73.5	75.9	79.0	81.0	82.6	82.7	83.1	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.7	83.9
GE 800	74.7	77.4	81.0	83.2	85.3	85.4	86.1	86.3	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.9
GE 700	75.1	78.0	81.7	84.2	86.4	86.5	87.4	87.6	87.6	87.7	87.8	87.8	87.9	88.0	88.0	88.2
GE 600	75.5	78.4	82.4	85.1	87.8	88.0	89.2	89.5	89.5	89.8	89.9	89.9	90.0	90.1	90.1	90.3
GE 500	75.6	78.6	82.6	85.6	88.6	88.8	90.2	90.5	90.5	90.9	91.0	91.0	91.3	91.3	91.3	91.6
GE 400	75.7	78.8	82.8	85.9	89.1	89.3	91.0	91.4	91.5	92.0	92.2	92.2	92.5	92.8	92.8	93.0
GE 300	75.7	78.8	82.9	86.0	89.5	89.8	91.6	92.2	92.3	93.1	93.3	93.3	93.8	94.4	94.5	94.9
GE 200	75.7	78.8	82.9	86.0	89.9	90.1	92.2	92.9	93.0	94.4	94.8	94.8	95.4	96.2	96.4	97.0
GE 100	75.7	78.8	82.9	86.0	89.9	90.2	92.3	93.0	93.1	94.7	95.1	95.1	96.0	96.9	97.3	98.1
GE 000	75.7	78.8	82.9	86.0	89.9	90.2	92.3	93.0	93.1	94.7	95.1	95.1	96.0	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5859

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.0	26.0	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	26.3	26.3	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 18000	26.3	26.3	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 16000	26.3	26.3	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 14000	26.5	26.5	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 12000	26.8	26.8	26.9	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 10000	26.9	26.9	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 9000	27.1	27.1	27.2	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 8000	27.6	27.6	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 7000	27.9	27.9	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 6000	29.4	29.4	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	30.6	30.6	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	31.3	31.3	31.6	31.6	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 4000	32.2	32.4	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 3500	32.9	33.1	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 3000	36.5	36.6	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 2500	43.2	43.7	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 2000	51.8	52.2	52.9	52.9	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 1800	54.3	54.7	55.4	55.4	55.4	55.4	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1500	61.6	62.1	63.2	63.7	63.7	63.7	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1200	65.3	66.2	67.9	68.7	69.0	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1000	71.0	73.1	75.3	76.3	76.8	76.8	78.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 900	71.6	73.8	76.2	77.2	77.6	77.6	79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 800	73.2	75.7	79.3	80.7	82.4	82.4	84.3	84.4	84.4	84.9	85.0	85.0	85.1	85.3	85.3	85.3
GE 700	74.0	76.5	80.3	82.1	84.1	84.1	86.3	86.5	86.5	87.1	87.2	87.2	87.4	87.5	87.5	87.5
GE 600	74.0	76.8	80.6	82.5	85.1	85.3	87.6	87.9	87.9	88.7	89.0	89.0	89.7	89.9	89.9	89.9
GE 500	74.1	76.9	81.2	83.1	86.3	86.5	89.3	89.6	89.6	90.9	91.2	91.2	92.4	92.5	92.5	92.5
GE 400	74.1	76.9	81.3	83.2	86.5	86.6	89.9	90.6	90.6	92.4	92.6	92.6	93.8	94.0	94.1	94.1
GE 300	74.1	76.9	81.3	83.2	86.5	86.6	90.0	90.7	90.7	92.5	92.9	92.9	94.1	94.3	94.7	95.0
GE 200	74.1	76.9	81.3	83.2	86.5	86.6	90.6	91.3	91.3	93.5	94.0	94.0	95.7	96.2	96.6	96.9
GE 100	74.1	76.9	81.3	83.2	86.5	86.6	90.6	91.3	91.3	93.5	94.0	94.0	96.2	96.6	97.5	97.9
GE 000	74.1	76.9	81.3	83.2	86.5	86.6	90.6	91.3	91.3	93.5	94.0	94.0	96.2	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 18000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 16000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 14000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 12000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 10000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 9000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 8000	27.3	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 7000	28.0	28.1	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 6000	28.4	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 5000	29.2	29.5	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 4500	29.3	29.6	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 4000	30.5	30.8	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 3500	32.1	32.4	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 3000	36.9	37.2	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 2500	42.5	43.1	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 2000	51.9	52.7	53.0	53.3	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 1800	55.4	56.3	56.6	56.9	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 1500	62.7	63.7	64.3	64.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 1200	68.0	69.2	70.4	70.8	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3
GE 1000	72.3	73.8	76.4	77.6	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9
GE 900	73.2	74.8	78.1	79.3	81.0	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8
GE 800	74.8	76.7	81.0	83.3	86.7	86.8	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0
GE 700	75.0	77.2	81.5	83.9	88.3	88.4	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2
GE 600	75.0	77.3	81.6	84.0	89.0	89.2	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.6	91.9	91.9
GE 500	75.3	77.6	82.4	84.9	90.2	90.4	92.3	92.6	92.7	93.2	93.2	93.2	93.2	93.3	93.6	93.6
GE 400	75.3	77.6	82.4	84.9	90.2	90.4	92.6	93.3	93.5	94.2	94.4	94.4	94.4	94.5	95.0	95.0
GE 300	75.3	77.6	82.4	84.9	90.2	90.4	92.6	93.5	93.6	95.0	95.1	95.1	95.3	95.9	96.3	96.9
GE 200	75.3	77.6	82.4	84.9	90.2	90.4	92.6	93.5	93.6	95.1	95.6	95.6	96.6	97.2	97.6	98.2
GE 100	75.3	77.6	82.4	84.9	90.2	90.4	92.6	93.5	93.6	95.1	95.6	95.6	96.9	97.6	98.4	99.1
GE 000	75.3	77.6	82.4	84.9	90.2	90.4	92.6	93.5	93.6	95.1	95.6	95.6	96.9	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 675

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER. 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.7	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 20000	29.7	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 18000	29.7	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 16000	29.7	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 14000	29.7	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 12000	29.8	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3
GE 10000	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4
GE 9000	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4
GE 8000	30.1	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.6	30.6
GE 7000	30.4	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0
GE 6000	31.1	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9
GE 5000	32.3	32.5	32.6	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0
GE 4500	32.5	32.6	32.7	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3
GE 4000	33.3	33.5	33.6	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4
GE 3500	34.2	34.4	34.5	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2
GE 3000	37.4	37.6	37.7	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.5	38.5
GE 2500	44.6	45.0	45.6	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3
GE 2000	55.3	55.7	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2
GE 1800	57.2	57.6	58.3	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 1500	63.6	65.1	66.4	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
GE 1200	67.5	69.4	70.9	71.6	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
GE 1000	72.5	75.6	77.8	79.2	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
GE 900	73.1	76.6	79.4	80.8	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5
GE 800	75.4	79.2	82.3	83.9	86.0	86.1	86.8	87.0	87.0	87.3	87.3	87.3	87.4	87.4	87.6	87.6
GE 700	75.6	79.5	83.2	85.2	88.0	88.2	89.2	89.5	89.5	89.9	89.9	89.9	90.1	90.1	90.2	90.2
GE 600	76.0	80.0	84.1	86.1	90.1	90.4	92.4	92.7	92.7	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 500	76.2	80.4	85.1	87.1	91.2	91.5	94.2	94.4	94.4	94.9	94.9	94.9	95.0	95.0	95.2	95.3
GE 400	76.2	80.4	85.1	87.1	91.2	91.5	94.3	94.7	94.7	95.2	95.2	95.2	95.6	95.8	95.9	96.1
GE 300	76.2	80.4	85.1	87.1	91.2	91.5	94.4	94.9	94.9	95.5	95.6	95.6	96.1	96.3	96.5	97.5
GE 200	76.2	80.4	85.1	87.1	91.2	91.5	94.6	95.0	95.0	95.6	95.9	95.9	96.9	97.5	97.7	98.7
GE 100	76.2	80.4	85.1	87.1	91.2	91.5	94.6	95.0	95.0	95.6	95.9	95.9	97.1	97.7	98.1	100.0
GE 000	76.2	80.4	85.1	87.1	91.2	91.5	94.6	95.0	95.0	95.6	95.9	95.9	97.1	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 684



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.2
GE 20000	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.6
GE 18000	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.6
GE 16000	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.6
GE 14000	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.6
GE 12000	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.8
GE 10000	17.6	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.2
GE 9000	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.4	18.4	18.4	18.4	18.5
GE 8000	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.7	18.7	18.7	18.8	18.8	18.8	18.8	19.0
GE 7000	19.2	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.7	19.7	19.7	19.7	19.8
GE 6000	20.7	21.0	21.1	21.1	21.1	21.1	21.1	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.6
GE 5000	21.9	22.2	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.6	22.6	22.6	22.6	22.7
GE 4500	22.2	22.4	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.9	22.9	22.9	22.9	23.0
GE 4000	23.2	23.5	23.6	23.6	23.6	23.6	23.6	23.8	23.8	23.8	23.9	23.9	23.9	23.9	24.1
GE 3500	25.4	25.7	25.8	25.8	25.8	25.8	25.8	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.2
GE 3000	28.7	29.0	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.6
GE 2500	34.3	34.5	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.3
GE 2000	47.1	47.5	48.1	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.7
GE 1800	48.3	48.8	49.4	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.9	49.9	49.9	49.9	50.0
GE 1500	58.0	59.6	60.8	60.9	61.4	61.4	61.4	61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.1
GE 1200	61.2	63.0	64.4	64.9	65.9	65.9	65.9	66.0	66.0	66.3	66.5	66.5	66.6	66.6	66.8
GE 1000	67.9	70.3	72.3	73.2	75.1	75.2	75.2	75.4	75.4	75.7	75.8	75.8	75.9	76.4	77.0
GE 900	68.5	71.0	73.2	74.3	76.7	76.8	76.8	77.0	77.0	77.4	77.6	77.6	77.7	78.1	78.7
GE 800	69.5	72.7	76.4	78.1	80.9	81.0	81.0	81.2	81.2	81.8	81.9	81.9	82.1	82.5	83.1
GE 700	70.4	73.8	77.7	80.2	83.1	83.5	84.1	84.4	84.5	85.1	85.3	85.3	85.4	85.9	86.4
GE 600	70.6	74.1	78.1	81.5	85.4	86.2	87.2	87.6	87.8	88.5	88.6	88.6	88.9	89.4	90.1
GE 500	71.3	74.8	79.0	82.4	86.7	87.6	89.1	89.8	89.9	91.1	91.3	91.3	91.7	92.1	92.9
GE 400	71.3	74.8	79.0	82.4	86.7	87.8	89.7	90.5	90.7	92.0	92.6	92.7	93.4	93.9	94.6
GE 300	71.4	74.9	79.2	82.5	87.0	88.1	90.1	91.0	91.1	92.6	93.1	93.3	94.6	95.2	96.1
GE 200	71.4	74.9	79.2	82.5	87.0	88.2	90.1	91.0	91.1	92.9	93.6	93.7	95.2	95.8	96.9
GE 100	71.4	74.9	79.2	82.5	87.0	88.2	90.1	91.0	91.1	92.9	93.6	93.7	95.5	96.1	97.5
GE 000	71.4	74.9	79.2	82.5	87.0	88.2	90.1	91.0	91.1	92.9	93.6	93.7	95.5	96.1	97.5

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.7	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.2
GE 20000	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.6
GE 18000	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.6
GE 16000	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.6
GE 14000	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.6
GE 12000	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.6
GE 10000	15.3	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.8	15.9
GE 9000	15.6	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.4	16.5
GE 8000	16.2	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9	17.1
GE 7000	17.8	18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.7
GE 6000	19.9	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.7
GE 5000	20.9	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.8
GE 4500	21.3	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.2
GE 4000	22.8	23.2	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.8
GE 3500	23.9	24.4	24.5	24.5	24.5	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8	25.0
GE 3000	25.7	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.6	27.7
GE 2500	33.0	33.6	33.7	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.2	34.3
GE 2000	45.0	46.0	46.6	46.7	46.9	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.4
GE 1800	47.3	48.3	49.1	49.2	49.3	49.5	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.9	50.1
GE 1500	59.0	60.1	61.3	61.8	62.2	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.8	62.9
GE 1200	62.2	63.5	64.8	65.4	65.8	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.4	66.6
GE 1000	68.3	69.8	71.4	72.7	73.9	74.2	74.7	74.7	74.7	75.0	75.2	75.2	75.3	75.3	75.5	75.6
GE 900	69.6	71.2	73.3	74.6	75.9	76.2	77.2	77.2	77.2	77.5	77.7	77.7	77.7	77.8	78.0	78.1
GE 800	71.2	72.8	75.8	78.0	80.0	80.4	81.8	81.8	81.8	82.0	82.2	82.2	82.3	82.3	82.6	82.8
GE 700	71.7	73.6	77.1	80.7	84.1	84.7	86.6	86.7	86.7	87.0	87.2	87.2	87.6	87.6	87.9	88.0
GE 600	72.1	74.3	78.4	82.3	86.7	87.3	89.5	89.6	89.6	90.1	90.2	90.2	90.7	90.7	90.9	91.1
GE 500	72.3	74.5	78.7	82.6	87.2	88.2	90.9	91.1	91.1	91.5	91.8	91.8	92.8	92.8	93.3	93.4
GE 400	72.7	74.9	79.1	83.1	87.9	89.1	92.7	92.8	92.8	93.9	94.3	94.3	95.5	95.5	95.9	96.1
GE 300	72.7	74.9	79.1	83.2	88.2	89.6	93.4	93.6	93.6	94.6	95.3	95.3	96.8	96.8	97.2	97.4
GE 200	72.7	74.9	79.1	83.2	88.2	89.6	93.4	93.6	93.7	94.7	95.6	95.6	97.1	97.1	97.7	98.7
GE 100	72.7	74.9	79.1	83.2	88.2	89.6	93.4	93.6	93.7	94.7	95.6	95.6	97.1	97.1	97.8	99.1
GE 000	72.7	74.9	79.1	83.2	88.2	89.6	93.4	93.6	93.7	94.7	95.6	95.6	97.1	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.6	14.9	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.4
GE 20000	15.4	15.7	15.8	15.8	15.8	15.8	15.8	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1
GE 18000	15.4	15.7	15.8	15.8	15.8	15.8	15.8	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1
GE 16000	15.5	15.8	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.3
GE 14000	15.7	16.0	16.1	16.1	16.1	16.1	16.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4
GE 12000	16.1	16.4	16.5	16.5	16.5	16.5	16.5	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8
GE 10000	16.4	16.7	16.8	16.8	16.8	16.8	16.8	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1
GE 9000	16.5	16.8	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.3	17.3	17.3	17.3	17.3	17.3
GE 8000	17.9	18.2	18.3	18.3	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9	18.9	18.9	18.9
GE 7000	19.3	19.6	19.9	19.9	20.1	20.1	20.1	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5
GE 6000	21.1	21.4	21.7	21.7	21.8	21.8	21.8	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3
GE 5000	21.8	22.1	22.4	22.4	22.5	22.5	22.5	22.8	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0
GE 4500	22.4	22.7	23.0	23.0	23.1	23.1	23.1	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6
GE 4000	23.7	24.2	24.5	24.5	24.6	24.6	24.6	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0
GE 3500	24.7	25.2	25.5	25.5	25.6	25.6	25.6	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.1
GE 3000	29.1	29.6	29.9	30.0	30.2	30.2	30.2	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
GE 2500	35.3	35.7	36.0	36.2	36.3	36.3	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7
GE 2000	47.4	48.8	49.2	49.6	49.8	49.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 1800	48.9	50.2	50.7	51.1	51.4	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
GE 1500	56.2	57.5	58.7	59.7	60.0	60.0	60.0	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5
GE 1200	60.8	62.2	63.7	64.9	65.3	65.3	65.3	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 1000	69.5	71.7	73.9	75.4	75.8	75.8	75.8	76.1	76.1	76.3	76.4	76.4	76.7	76.7	76.7	76.7
GE 900	70.3	72.5	74.8	76.3	77.2	77.2	77.2	77.5	77.5	77.6	77.9	77.9	78.2	78.2	78.2	78.2
GE 800	71.3	73.6	76.6	78.6	79.8	79.8	80.2	80.7	80.7	81.0	81.3	81.3	81.6	81.6	81.6	81.6
GE 700	72.6	75.1	78.5	81.0	83.3	83.3	84.3	84.8	84.8	85.2	85.5	8.5	85.8	85.9	85.9	86.1
GE 600	72.8	75.8	79.8	82.6	85.7	85.7	87.3	87.8	87.8	88.6	88.9	88.9	89.3	89.5	89.5	89.8
GE 500	73.2	76.3	80.4	83.3	87.0	87.0	89.2	89.9	89.9	90.6	91.1	91.1	91.5	91.8	91.8	92.2
GE 400	73.6	76.7	81.0	83.9	87.6	87.7	90.6	91.4	91.4	92.1	92.5	92.5	93.4	93.7	93.7	94.1
GE 300	73.6	76.7	81.1	84.2	88.4	88.6	91.7	92.5	92.5	93.3	93.7	93.7	94.7	95.0	95.3	95.8
GE 200	73.6	76.7	81.1	84.2	88.4	88.6	91.8	92.8	92.8	94.1	94.7	94.7	96.0	96.8	97.2	98.4
GE 100	73.6	76.7	81.1	84.2	88.4	88.6	91.8	92.8	92.8	94.1	94.7	94.7	96.0	96.8	97.5	99.1
GE 000	73.6	76.7	81.1	84.2	88.4	88.6	91.8	92.8	92.8	94.1	94.7	94.7	96.0	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.8	19.9	19.9	19.9	19.9	19.9	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2
GE 20000	19.9	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.4	20.4
GE 18000	19.9	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.4	20.4
GE 16000	19.9	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.4	20.4
GE 14000	20.5	20.6	20.6	20.6	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9
GE 12000	20.8	20.9	20.9	20.9	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2
GE 10000	21.1	21.2	21.2	21.2	21.2	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5
GE 9000	21.2	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.7	21.7	21.7	21.7
GE 8000	22.5	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	23.0	23.0	23.0	23.4
GE 7000	23.4	23.6	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.6
GE 6000	25.6	25.8	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.4	26.4	26.4	26.8
GE 5000	26.2	26.4	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	27.1	27.1	27.1	27.5
GE 4500	26.8	26.9	27.2	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.7	27.7	27.7	28.1
GE 4000	27.8	28.0	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.7	28.7	28.7	29.1
GE 3500	28.6	28.7	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.4	29.4	29.4	29.9
GE 3000	32.2	32.4	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	33.1	33.1	33.1	33.5
GE 2500	38.1	38.2	38.5	38.7	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.4	39.8
GE 2000	46.9	47.1	47.6	47.7	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.5	48.9
GE 1800	49.3	49.8	50.2	50.4	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.1	51.1	51.1	51.5
GE 1500	56.4	57.1	58.1	59.0	59.3	59.3	59.6	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.5
GE 1200	59.7	60.5	61.8	63.4	63.7	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.9
GE 1000	65.0	66.2	68.2	70.9	73.5	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.8
GE 900	66.5	67.6	69.7	72.3	75.3	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.4	76.4	76.4	76.9
GE 800	67.6	69.3	72.3	75.4	78.9	78.9	80.7	81.0	81.0	81.4	81.4	81.4	82.0	82.0	82.0	82.4
GE 700	68.5	70.1	73.5	77.3	81.3	81.3	83.0	83.3	83.5	84.0	84.0	84.0	84.6	84.6	84.6	85.1
GE 600	68.7	70.7	74.7	79.2	84.0	84.0	85.9	86.2	86.4	87.1	87.1	87.1	87.7	87.8	88.0	88.4
GE 500	68.8	70.9	75.0	79.5	84.6	84.6	86.7	87.0	87.1	88.3	88.3	88.3	89.0	89.2	89.3	90.0
GE 400	69.1	71.2	75.3	80.1	86.2	86.2	89.2	89.5	89.6	90.8	90.9	90.9	91.9	92.1	92.2	93.0
GE 300	69.1	71.2	75.3	80.1	86.5	86.5	89.5	89.9	90.0	91.5	91.7	91.7	92.8	93.0	93.1	93.9
GE 200	69.1	71.2	75.3	80.1	86.5	86.5	89.5	89.9	90.0	91.9	92.4	92.4	94.3	95.0	95.3	96.8
GE 100	69.1	71.2	75.3	80.1	86.5	86.5	89.5	89.9	90.0	91.9	92.4	92.4	94.6	95.3	95.8	98.0
GE 000	69.1	71.2	75.3	80.1	86.5	86.5	89.5	89.9	90.0	91.9	92.4	92.4	94.6	95.3	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.1	25.3	25.6	25.6	25.7	25.7	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 20000	25.3	25.4	25.7	25.7	25.9	25.9	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 18000	25.3	25.4	25.7	25.7	25.9	25.9	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 16000	25.4	25.6	25.9	25.9	26.0	26.0	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 14000	26.0	26.2	26.5	26.5	26.6	26.6	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 12000	26.2	26.3	26.6	26.6	26.8	26.8	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 10000	26.5	26.6	26.9	26.9	27.1	27.1	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 9000	26.9	27.1	27.4	27.4	27.5	27.5	27.8	27.8	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 8000	27.5	27.7	28.0	28.0	28.1	28.1	28.4	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 7000	28.0	28.1	28.4	28.4	28.6	28.6	28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 6000	28.6	28.7	29.0	29.0	29.1	29.1	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 5000	29.4	29.6	30.0	30.2	30.3	30.3	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 4500	29.9	30.0	30.5	30.6	30.8	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 4000	30.6	30.8	31.2	31.4	31.5	31.5	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 3500	32.1	32.2	32.7	32.8	33.0	33.0	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 3000	34.3	34.5	34.9	35.2	35.4	35.4	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 2500	40.1	40.4	40.8	41.1	41.4	41.4	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 2000	48.7	49.1	49.7	50.0	50.4	50.4	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 1800	52.4	53.1	53.8	54.7	55.2	55.2	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1500	60.5	61.2	62.7	64.2	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 1200	64.8	65.8	67.3	69.1	70.0	70.0	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 1000	68.5	70.3	73.4	76.2	77.8	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 900	69.7	71.9	75.6	78.6	80.5	80.5	81.1	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.7
GE 800	70.7	74.4	78.8	82.1	84.6	84.6	86.2	86.5	86.5	86.8	86.8	86.8	87.1	87.1	87.1	87.4
GE 700	71.2	74.9	79.3	82.7	85.7	85.7	87.3	87.6	87.6	88.3	88.3	88.3	88.6	88.6	88.6	88.9
GE 600	72.0	75.7	80.3	83.9	87.1	87.1	89.2	89.6	89.6	90.7	90.7	90.7	91.0	91.0	91.0	91.3
GE 500	72.3	76.0	80.6	84.3	87.9	87.9	90.4	91.0	91.0	92.9	93.0	93.0	93.9	93.9	93.9	94.2
GE 400	72.3	76.0	80.6	84.3	87.9	87.9	90.4	91.4	91.4	93.3	93.6	93.6	94.5	94.5	94.5	94.8
GE 300	72.3	76.0	80.6	84.3	88.3	88.3	91.0	92.0	92.0	94.1	94.4	94.4	95.9	95.9	95.9	96.2
GE 200	72.3	76.0	80.6	84.3	88.3	88.3	91.3	92.3	92.3	94.7	95.0	95.0	96.7	96.9	97.0	97.5
GE 100	72.3	76.0	80.6	84.3	88.3	88.3	91.3	92.3	92.3	94.7	95.0	95.0	96.7	96.9	97.2	98.4
GE 000	72.3	76.0	80.6	84.3	88.3	88.3	91.3	92.3	92.3	94.7	95.0	95.0	96.7	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.7	21.9	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.3
GE 20000	22.0	22.1	22.2	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5
GE 18000	22.0	22.1	22.2	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5
GE 16000	22.0	22.2	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.6	22.6
GE 14000	22.2	22.4	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.8
GE 12000	22.4	22.5	22.6	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9
GE 10000	22.6	22.8	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.2	23.2
GE 9000	22.8	23.0	23.1	23.1	23.1	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.4	23.4
GE 8000	23.4	23.6	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.1
GE 7000	24.2	24.4	24.6	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.0
GE 6000	25.6	25.8	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.4	26.4
GE 5000	26.5	26.7	27.0	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.4	27.4
GE 4500	26.9	27.2	27.4	27.5	27.5	27.5	27.6	27.7	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.9
GE 4000	28.0	28.3	28.5	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9	29.0	29.0
GE 3500	29.2	29.5	29.8	29.8	29.9	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.2	30.3
GE 3000	32.7	33.0	33.3	33.4	33.5	33.5	33.5	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.8
GE 2500	38.9	39.3	39.7	39.8	39.9	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.3
GE 2000	49.2	49.9	50.4	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3
GE 1800	51.6	52.3	52.9	53.2	53.5	53.5	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0
GE 1500	59.7	60.8	61.9	62.6	63.1	63.1	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6
GE 1200	63.7	65.0	66.4	67.3	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.7
GE 1000	69.4	71.3	73.6	75.2	76.5	76.6	77.0	77.1	77.1	77.3	77.3	77.3	77.4	77.5	77.6	77.7
GE 900	70.3	72.4	75.0	76.7	78.3	78.3	78.9	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.6	79.7
GE 800	71.7	74.3	77.8	80.0	82.4	82.5	83.6	83.8	83.8	84.1	84.2	84.2	84.4	84.5	84.6	84.8
GE 700	72.4	75.1	78.9	81.6	84.7	84.9	86.3	86.6	86.6	87.1	87.2	87.2	87.4	87.5	87.7	87.8
GE 600	72.6	75.6	79.7	82.8	86.6	86.9	88.7	89.1	89.1	89.8	89.9	89.9	90.2	90.4	90.6	90.7
GE 500	72.9	75.9	80.3	83.4	87.6	87.9	90.2	90.7	90.7	91.7	91.8	91.8	92.4	92.6	92.8	93.0
GE 400	73.1	76.1	80.5	83.6	88.0	88.4	91.2	91.8	91.8	93.0	93.3	93.3	94.1	94.2	94.5	94.7
GE 300	73.1	76.1	80.5	83.7	88.3	88.7	91.6	92.3	92.3	93.6	94.0	94.0	95.0	95.3	95.6	96.1
GE 200	73.1	76.1	80.5	83.7	88.3	88.7	91.7	92.4	92.5	94.1	94.6	94.6	96.1	96.6	97.0	97.9
GE 100	73.1	76.1	80.5	83.7	88.3	88.7	91.7	92.4	92.5	94.1	94.6	94.6	96.3	96.8	97.5	98.8
GE 000	73.1	76.1	80.5	83.7	88.3	88.7	91.7	92.4	92.5	94.1	94.6	94.6	96.3	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5452

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 20000	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 18000	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 16000	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 12000	23.3	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 10000	23.4	23.6	23.6	23.6	23.6	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 9000	23.6	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 8000	23.9	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 7000	23.9	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 6000	26.2	26.4	26.4	26.4	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 5000	26.6	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 4500	26.6	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 4000	27.5	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 3500	28.6	28.7	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 3000	33.7	33.9	34.0	34.0	34.3	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 2500	39.0	39.4	39.9	40.1	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 2000	51.2	52.0	53.0	53.4	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5
GE 1800	55.4	56.2	57.5	57.9	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.3	59.3
GE 1500	64.3	65.7	67.7	68.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3
GE 1200	67.4	69.4	72.0	73.1	75.0	75.0	75.3	75.3	75.3	75.6	75.6	75.6	76.1	76.1	76.1	76.1
GE 1000	70.0	72.2	75.8	77.5	80.3	80.3	81.5	81.5	81.5	81.8	81.8	81.8	82.5	82.5	82.5	82.5
GE 900	70.7	72.8	77.2	79.0	81.8	81.8	83.1	83.1	83.1	83.5	83.5	83.5	84.2	84.2	84.2	84.2
GE 800	73.3	75.5	79.8	82.0	85.4	85.4	87.3	87.3	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.7
GE 700	73.6	75.8	80.4	82.9	86.8	86.8	89.4	89.4	89.4	90.2	90.2	90.2	90.8	90.8	90.8	90.8
GE 600	73.6	75.8	80.4	83.1	87.6	87.6	90.8	91.0	91.1	92.1	92.1	92.1	92.7	92.7	92.7	92.7
GE 500	73.6	75.8	80.7	83.4	87.9	87.9	91.3	91.5	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6
GE 400	73.6	75.8	80.7	83.7	88.4	88.4	92.2	92.4	92.5	94.6	94.6	94.6	95.3	95.3	95.3	95.5
GE 300	73.6	75.8	80.7	83.7	88.7	88.7	92.9	93.0	93.2	95.5	95.5	95.5	96.4	96.4	96.6	96.7
GE 200	73.6	75.8	80.7	83.7	88.7	88.7	92.9	93.0	93.2	95.8	95.8	95.8	96.7	96.7	97.2	97.8
GE 100	73.6	75.8	80.7	83.7	88.7	88.7	92.9	93.0	93.2	95.8	95.8	95.8	97.0	97.4	98.1	99.1
GE 000	73.6	75.8	80.7	83.7	88.7	88.7	92.9	93.0	93.2	95.8	95.8	95.8	97.0	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 644

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 20000	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 18000	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 16000	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 12000	22.9	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 10000	23.1	23.2	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 9000	23.1	23.2	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 8000	23.1	23.2	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 7000	23.4	23.5	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 6000	25.2	25.4	25.4	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 5000	25.2	25.4	25.4	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 4500	25.5	25.7	25.7	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 4000	26.6	26.8	26.8	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 3500	28.3	28.5	28.5	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 3000	33.5	33.7	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 2500	40.9	41.1	41.1	41.2	41.4	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 2000	50.5	50.8	50.9	51.1	51.5	51.5	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5
GE 1800	54.9	55.2	55.5	55.8	56.6	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5
GE 1500	64.6	65.2	66.2	67.4	68.6	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7
GE 1200	67.5	69.1	70.6	72.8	75.2	75.4	76.3	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 1000	72.8	74.3	76.3	79.1	82.5	82.6	83.8	84.0	84.0	84.6	84.6	84.6	84.6	84.6	84.8	84.8
GE 900	73.2	74.8	76.9	79.7	83.2	83.5	84.8	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.7	85.7
GE 800	73.7	75.4	78.0	81.1	85.1	85.4	87.4	87.5	87.5	88.3	88.3	88.5	88.8	88.8	88.9	88.9
GE 700	74.0	75.7	78.9	82.5	86.8	87.1	89.5	89.8	89.8	90.6	90.6	90.8	91.1	91.1	91.2	91.2
GE 600	74.0	75.7	79.2	83.1	87.7	88.0	90.9	91.2	91.7	92.5	92.5	92.6	92.9	92.9	93.1	93.1
GE 500	74.0	75.7	79.2	83.2	88.2	88.5	91.5	91.8	92.3	93.5	93.7	93.8	94.3	94.3	94.5	94.8
GE 400	74.0	75.7	79.2	83.4	88.6	88.9	92.0	92.5	92.9	94.8	94.9	95.2	95.7	95.7	95.9	96.3
GE 300	74.0	75.7	79.2	83.4	88.6	88.9	92.2	92.6	93.1	95.1	95.2	95.5	96.9	97.1	97.2	97.8
GE 200	74.0	75.7	79.2	83.4	88.6	88.9	92.2	92.6	93.1	95.8	96.0	96.3	97.7	97.8	98.0	98.9
GE 100	74.0	75.7	79.2	83.4	88.6	88.9	92.2	92.6	93.1	95.8	96.2	96.5	98.0	98.2	98.3	99.2
GE 000	74.0	75.7	79.2	83.4	88.6	88.9	92.2	92.6	93.1	95.8	96.2	96.5	98.0	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 650



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 18000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 16000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 14000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 12000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 10000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 9000	26.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 8000	26.7	27.8	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 7000	27.4	28.4	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 6000	29.1	30.1	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 5000	29.5	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 4500	29.7	30.8	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 4000	31.2	32.3	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 3500	32.9	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 3000	37.9	39.1	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 2500	43.3	44.8	45.0	46.2	47.1	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 2000	53.2	55.3	56.6	57.5	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 1800	54.9	57.2	58.4	59.5	60.9	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1500	61.1	63.7	65.2	66.3	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200	64.8	68.5	70.6	71.9	73.7	73.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1000	69.1	73.3	75.9	77.7	80.8	81.0	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 900	69.4	73.6	76.4	78.4	81.5	81.6	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 800	70.3	75.0	78.5	81.0	84.5	84.7	87.3	87.3	87.5	87.8	87.8	87.8	88.4	88.4	88.4	88.4
GE 700	70.8	75.4	79.1	81.6	85.8	85.9	89.0	89.3	89.5	89.8	89.8	89.8	90.4	90.4	90.4	90.4
GE 600	70.8	75.4	79.3	81.9	86.6	86.9	90.4	90.7	90.9	91.8	92.3	92.4	93.2	93.2	93.2	93.2
GE 500	70.8	75.4	79.6	82.2	87.0	87.3	91.2	91.5	91.7	92.6	93.0	93.2	94.0	94.0	94.0	94.0
GE 400	70.8	75.4	79.6	82.2	87.0	87.3	91.5	92.0	92.1	93.2	93.7	93.8	94.6	94.6	94.6	95.1
GE 300	70.8	75.4	79.6	82.2	87.3	87.6	91.8	92.4	92.6	93.8	94.6	94.7	95.7	96.0	96.0	96.4
GE 200	70.8	75.4	79.6	82.4	87.6	87.9	92.3	92.9	93.0	94.6	95.7	95.8	97.1	97.4	97.5	98.1
GE 100	70.8	75.4	79.6	82.4	87.6	87.9	92.3	92.9	93.0	94.6	95.7	95.8	97.5	98.0	98.5	99.4
GE 000	70.8	75.4	79.6	82.4	87.6	87.9	92.3	92.9	93.0	94.6	95.7	95.8	97.5	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 20000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 18000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 16000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 14000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 12000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 10000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 9000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 8000	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 7000	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 6000	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 5000	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 4500	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 4000	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 3500	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 3000	22.0	22.2	22.3	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 2500	31.2	31.3	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 2000	43.7	44.5	45.6	45.9	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 1800	48.1	49.0	50.2	50.5	51.2	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 1500	57.2	58.6	60.5	61.6	62.3	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 1200	60.5	62.3	64.5	66.4	67.8	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1000	65.3	68.1	70.9	73.8	77.2	77.4	78.0	78.1	78.1	78.6	78.6	78.6	78.9	78.9	78.9	78.9
GE 900	66.4	69.3	72.1	75.5	79.1	79.4	80.2	80.3	80.3	80.8	80.8	80.8	81.2	81.2	81.2	81.2
GE 800	68.2	71.2	74.3	78.4	82.3	82.6	84.0	84.3	84.7	85.1	85.1	85.1	85.7	85.9	85.9	85.9
GE 700	68.5	71.6	74.7	79.2	83.7	84.0	86.0	86.5	86.8	87.3	87.3	87.3	87.9	88.1	88.2	88.2
GE 600	68.5	71.6	74.9	79.7	84.7	85.0	87.3	88.2	88.5	89.6	89.8	89.8	90.5	90.7	91.2	91.2
GE 500	68.5	71.6	74.9	79.8	85.1	85.4	88.1	89.0	89.3	90.7	91.3	91.3	92.2	92.4	93.0	93.2
GE 400	68.5	71.6	74.9	79.8	85.6	85.9	88.5	89.5	89.8	91.5	92.1	92.1	93.2	93.3	94.3	94.4
GE 300	68.7	71.8	75.0	80.0	85.7	86.0	89.0	89.9	90.2	92.1	92.7	92.7	94.0	94.1	95.2	95.3
GE 200	68.7	71.8	75.0	80.2	85.9	86.2	89.3	90.2	90.5	92.4	93.2	93.2	94.4	94.7	95.8	96.4
GE 100	68.7	71.8	75.0	80.2	85.9	86.2	89.3	90.2	90.5	92.7	93.5	93.5	94.9	95.2	96.4	97.5
GE 000	68.7	71.8	75.0	80.2	85.9	86.2	89.3	90.2	90.5	92.7	93.5	93.5	94.9	95.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 20000	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 18000	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 16000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 14000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 12000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 10000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 9000	14.9	14.9	1.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 8000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 7000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 6000	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 5000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 4500	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 4000	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 3500	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 3000	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 2500	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 2000	45.8	46.0	46.1	46.1	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 1800	48.1	48.4	48.6	48.6	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 1500	57.5	58.1	58.7	59.5	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	62.4	64.0	64.9	66.3	67.9	67.9	68.5	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 1000	66.5	68.2	70.0	73.4	76.9	76.9	77.8	78.1	78.1	78.7	78.9	78.9	78.9	78.9	78.9	79.0
GE 900	68.0	69.7	71.7	75.5	79.5	79.5	80.4	80.7	80.7	81.4	81.5	81.5	81.5	81.5	81.5	81.7
GE 800	68.3	70.2	72.2	76.4	81.5	81.5	83.2	83.7	83.7	84.3	84.5	84.5	84.5	84.5	84.5	84.6
GE 700	68.5	70.3	72.4	76.7	82.5	82.5	84.5	85.1	85.1	85.7	85.9	85.9	86.0	86.0	86.0	86.2
GE 600	68.5	70.3	72.4	76.7	82.6	82.8	85.4	86.3	86.3	87.0	87.3	87.3	87.6	87.6	87.6	87.9
GE 500	68.8	70.7	72.7	77.3	83.4	83.5	87.0	88.0	88.0	89.3	89.9	89.9	90.4	90.4	90.5	90.8
GE 400	68.8	70.7	72.7	77.3	83.5	83.7	87.3	88.5	88.5	89.8	90.4	90.4	91.1	91.1	91.3	91.9
GE 300	68.8	70.7	72.7	77.3	83.5	83.7	87.7	89.0	89.1	90.7	91.6	91.6	92.5	92.5	92.9	93.6
GE 200	68.8	70.7	72.7	77.3	83.5	83.7	87.7	89.0	89.1	90.7	91.6	91.6	93.0	93.0	93.6	94.9
GE 100	68.8	70.7	72.7	77.3	83.5	83.7	87.7	89.0	89.1	91.3	92.2	92.2	93.6	94.1	95.3	98.1
GE 000	68.8	70.7	72.7	77.3	83.5	83.7	87.7	89.0	89.1	91.3	92.2	92.2	93.6	94.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 644

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 20000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 18000	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 16000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 14000	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 12000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 10000	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
GE 9000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 8000	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 7000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 6000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 5000	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 4500	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 4000	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 3500	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 3000	25.2	25.2	25.2	25.7	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 2500	31.8	31.8	32.0	32.5	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9
GE 2000	42.2	42.3	42.7	43.3	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9
GE 1800	45.3	45.4	45.9	46.5	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1
GE 1500	55.6	56.1	57.2	58.0	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0
GE 1200	59.8	60.4	62.1	63.2	64.0	64.0	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.8	64.8	64.8
GE 1000	65.8	67.1	69.6	71.9	74.2	74.5	76.0	76.4	76.4	76.8	76.8	76.8	77.0	77.1	77.3	77.4
GE 900	66.5	67.7	70.6	73.0	75.6	75.9	77.4	77.9	77.9	78.5	78.7	78.7	78.8	79.0	79.1	79.3
GE 800	67.5	68.8	72.3	75.1	79.0	79.3	81.3	81.8	81.8	82.7	82.8	82.8	83.0	83.2	83.3	83.5
GE 700	67.7	68.9	73.0	75.7	79.9	80.7	83.2	83.6	83.6	84.9	85.0	85.0	85.2	85.3	85.5	85.6
GE 600	68.0	69.2	73.3	76.0	81.0	81.9	84.7	85.2	85.3	86.7	86.9	86.9	87.3	87.6	87.8	87.9
GE 500	68.2	69.4	73.4	76.7	82.5	83.6	86.7	87.2	87.3	88.9	89.2	89.2	90.1	90.4	90.9	91.2
GE 400	68.2	69.4	73.4	76.7	83.0	84.2	87.9	88.6	88.7	90.6	91.0	91.0	92.6	93.0	93.5	93.8
GE 300	68.2	69.4	73.4	76.7	83.3	84.5	88.6	89.5	89.6	91.8	92.4	92.4	94.1	94.9	95.4	95.8
GE 200	68.2	69.4	73.4	76.7	83.3	84.5	88.6	89.5	89.6	91.8	92.6	92.6	94.6	95.4	96.0	96.9
GE 100	68.2	69.4	73.4	76.7	83.3	84.5	88.6	89.5	89.6	92.1	93.2	93.2	95.4	96.4	97.1	98.6
GE 000	68.2	69.4	73.4	76.7	83.3	84.5	88.6	89.5	89.6	92.1	93.2	93.2	95.4	96.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.1	16.3	16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 20000	16.1	16.3	16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 18000	16.3	16.4	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 16000	16.4	16.6	16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 14000	16.6	16.7	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 12000	16.6	16.7	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 10000	16.6	16.7	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 9000	16.7	16.9	17.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 8000	16.7	16.9	17.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 7000	18.1	18.3	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 6000	18.4	18.6	18.9	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 5000	18.4	18.6	19.0	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 4500	18.9	19.0	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 4000	20.3	20.4	20.9	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3500	21.2	21.5	22.0	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 3000	23.5	23.8	24.5	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 2500	31.4	32.2	33.0	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 2000	42.7	43.7	44.7	45.4	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 1800	45.0	46.3	47.4	48.0	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 1500	55.7	57.4	59.3	60.2	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1200	58.7	60.5	62.8	64.4	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1000	64.7	66.9	70.1	72.3	75.1	75.1	75.7	75.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2
GE 900	65.5	68.0	71.8	74.1	77.4	77.4	78.0	78.0	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 800	66.4	69.0	73.2	77.2	81.6	81.7	83.7	83.7	83.7	84.2	84.4	84.4	84.7	84.7	85.1	85.1
GE 700	67.3	70.0	74.3	78.3	82.7	82.8	85.8	85.9	85.9	86.8	87.0	87.0	87.3	87.3	87.8	87.8
GE 600	67.5	70.1	74.5	78.5	84.2	84.4	87.9	88.4	88.5	89.6	89.8	89.8	90.4	90.4	90.9	90.9
GE 500	67.5	70.1	74.8	78.8	84.7	85.0	89.5	89.9	90.1	91.5	91.8	91.8	92.9	92.9	93.3	93.3
GE 400	67.5	70.1	74.9	79.1	85.0	85.3	90.6	91.0	91.2	93.0	93.3	93.3	94.7	94.7	95.4	95.4
GE 300	67.5	70.1	74.9	79.1	85.3	85.6	90.9	91.3	91.5	93.8	94.3	94.3	96.1	96.1	96.9	96.9
GE 200	67.5	70.1	74.9	79.1	85.3	85.6	90.9	91.3	91.5	94.1	95.2	95.2	97.1	97.1	98.0	98.5
GE 100	67.5	70.1	74.9	79.1	85.3	85.6	90.9	91.3	91.5	94.1	95.2	95.2	97.2	97.2	98.5	99.1
GE 000	67.5	70.1	74.9	79.1	85.3	85.6	90.9	91.3	91.5	94.1	95.2	95.2	97.2	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.8	21.8	21.8	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 20000	21.8	21.8	21.8	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 18000	21.8	21.8	21.8	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 16000	21.9	21.9	21.9	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 14000	21.9	21.9	21.9	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 12000	22.1	22.1	22.1	22.2	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 10000	22.4	22.4	22.4	22.5	22.5	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 9000	22.5	22.5	22.5	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 8000	22.7	22.7	22.7	22.8	22.8	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 7000	24.1	24.1	24.1	24.2	24.2	24.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 6000	25.8	25.8	25.8	26.2	26.2	26.2	26.5	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 5000	26.4	26.4	26.4	26.9	26.9	26.9	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 4500	26.7	26.7	26.7	27.2	27.2	27.2	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 4000	27.8	27.8	27.8	28.2	28.2	28.2	28.5	28.5	28.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 3500	29.6	29.6	29.6	30.1	30.1	30.1	30.4	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	33.0	33.0	33.0	33.5	33.6	33.6	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 2500	38.4	38.7	38.9	39.4	39.5	39.5	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 2000	48.0	49.1	49.5	50.2	50.3	50.3	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1800	52.2	53.2	53.9	54.5	54.6	54.6	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1500	62.0	63.4	64.2	65.0	65.1	65.1	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 1200	66.8	68.4	69.8	70.8	71.1	71.3	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1000	70.5	72.8	75.3	77.2	78.4	78.5	79.3	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 900	71.1	74.1	76.7	79.0	80.6	80.7	81.6	81.8	81.8	82.1	82.1	82.1	82.3	82.3	82.3	82.3
GE 800	72.5	75.5	78.2	80.9	84.0	84.4	86.0	86.1	86.1	86.9	87.0	87.0	87.2	87.2	87.2	87.2
GE 700	72.7	75.9	78.7	81.5	85.8	86.3	88.7	88.9	88.9	89.7	89.8	89.8	90.0	90.0	90.0	90.0
GE 600	72.8	76.1	79.3	82.4	87.2	87.7	90.9	91.2	91.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7
GE 500	72.8	76.1	79.6	82.9	88.0	88.4	92.1	92.4	92.6	94.1	94.3	94.3	94.4	94.4	94.4	94.4
GE 400	72.8	76.1	79.6	82.9	88.0	88.4	92.4	92.7	92.9	94.8	94.9	94.9	95.2	95.2	95.2	95.2
GE 300	72.8	76.1	79.6	82.9	88.0	88.4	93.1	93.4	93.5	95.8	96.0	96.0	96.6	96.6	96.6	96.6
GE 200	72.8	76.1	79.6	82.9	88.0	88.4	93.1	93.4	93.5	96.1	96.3	96.3	97.1	97.1	97.1	97.1
GE 100	72.8	76.1	79.6	82.9	88.0	88.4	93.1	93.4	93.5	96.1	96.5	96.5	97.2	97.2	97.7	98.1
GE 000	72.8	76.1	79.6	82.9	88.1	88.6	93.2	93.5	93.7	96.3	96.6	96.6	97.4	97.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.7	18.9	18.9	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 20000	18.8	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 18000	18.9	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 16000	19.0	19.2	19.2	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 14000	19.1	19.3	19.3	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 12000	19.2	19.4	19.4	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 10000	19.3	19.5	19.5	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 9000	19.4	19.6	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 8000	19.6	19.8	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 7000	20.5	20.7	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 6000	22.0	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 5000	22.2	22.4	22.5	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4500	22.5	22.7	22.8	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 4000	23.7	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 3500	24.9	25.1	25.2	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 3000	29.4	29.6	29.8	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 2500	36.0	36.4	36.8	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 2000	47.2	48.0	48.6	49.1	49.6	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1800	50.5	51.4	52.2	52.7	53.3	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 1500	59.8	61.0	62.4	63.3	64.1	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 1200	63.5	65.3	67.2	68.6	70.0	70.0	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 1000	68.1	70.4	73.0	75.4	78.2	78.3	79.3	79.4	79.4	79.8	79.9	79.9	80.0	80.0	80.1	80.1
GE 900	68.8	71.2	74.2	76.8	79.8	80.0	81.0	81.2	81.2	81.7	81.7	81.7	81.9	81.9	82.0	82.0
GE 800	70.0	72.6	75.8	79.0	82.9	83.1	85.0	85.2	85.3	85.9	86.0	86.0	86.4	86.4	86.5	86.5
GE 700	70.4	73.0	76.4	79.8	84.2	84.5	87.0	87.3	87.4	88.1	88.2	88.2	88.6	88.6	88.7	88.8
GE 600	70.5	73.0	76.7	80.2	85.2	85.5	88.6	89.0	89.2	90.2	90.4	90.4	90.9	91.0	91.1	91.2
GE 500	70.5	73.1	76.9	80.5	85.8	86.2	89.7	90.2	90.4	91.7	92.0	92.1	92.7	92.8	93.0	93.2
GE 400	70.5	73.1	76.9	80.6	86.1	86.5	90.3	90.9	91.1	92.8	93.1	93.2	94.1	94.1	94.4	94.7
GE 300	70.5	73.1	76.9	80.7	86.3	86.7	90.8	91.4	91.6	93.6	94.0	94.1	95.0	95.5	95.8	96.2
GE 200	70.5	73.1	76.9	80.7	86.4	86.8	90.9	91.5	91.7	93.9	94.5	94.6	96.0	96.2	96.7	97.3
GE 100	70.5	73.1	76.9	80.7	86.4	86.8	90.9	91.5	91.7	94.1	94.8	94.8	96.4	96.7	97.5	98.6
GE 000	70.5	73.1	76.9	80.7	86.4	86.8	90.9	91.5	91.7	94.1	94.8	94.9	96.4	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5171

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.9	14.0	14.2	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5
GE 20000	14.1	14.3	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7
GE 18000	14.3	14.4	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9
GE 16000	14.4	14.5	14.7	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0
GE 14000	14.5	14.7	14.8	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.2
GE 12000	14.7	14.8	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3
GE 10000	14.9	15.0	15.2	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.6
GE 9000	15.0	15.2	15.4	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.7	15.7	15.7	15.8
GE 8000	15.6	15.7	15.9	16.0	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3
GE 7000	16.5	16.7	16.9	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.3
GE 6000	17.8	18.0	18.2	18.4	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.7
GE 5000	18.4	18.6	18.9	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.4
GE 4500	18.7	18.9	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.7
GE 4000	19.8	20.0	20.3	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.8
GE 3500	21.5	21.7	22.0	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.6
GE 3000	25.8	26.1	26.5	26.7	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.1	27.1	27.2
GE 2500	31.3	31.7	32.2	32.5	32.8	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.1	33.2
GE 2000	41.0	41.7	42.5	42.9	43.4	43.4	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.9	43.9	44.0
GE 1800	43.4	44.2	45.0	45.5	46.1	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.7
GE 1500	49.8	51.0	52.2	53.0	53.8	53.9	54.2	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7
GE 1200	53.6	55.1	56.7	57.7	58.9	58.9	59.4	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.9	60.0
GE 1000	58.4	60.5	62.7	64.3	66.2	66.3	67.1	67.3	67.3	67.6	67.7	67.7	67.8	67.9	67.9	68.0
GE 900	59.4	61.6	64.0	65.8	67.9	68.0	68.8	69.0	69.1	69.4	69.5	69.5	69.6	69.7	69.7	69.8
GE 800	61.2	63.7	66.7	68.9	71.6	71.9	73.1	73.4	73.5	73.9	74.1	74.1	74.3	74.4	74.4	74.5
GE 700	62.1	64.8	68.1	70.6	73.9	74.1	75.6	76.1	76.1	76.7	76.8	76.8	77.1	77.1	77.2	77.3
GE 600	62.8	65.7	69.3	72.1	76.0	76.4	78.3	78.9	79.0	79.7	80.0	80.0	80.3	80.4	80.5	80.6
GE 500	63.3	66.3	70.2	73.3	77.9	78.3	80.6	81.3	81.4	82.5	82.8	82.8	83.3	83.4	83.6	83.7
GE 400	63.5	66.6	70.6	74.0	79.0	79.5	82.2	83.1	83.3	84.5	85.0	85.0	85.7	85.9	86.1	86.3
GE 300	63.6	66.8	70.9	74.4	79.7	80.3	83.5	84.7	84.9	86.6	87.3	87.3	88.3	88.6	89.0	89.4
GE 200	63.6	66.8	70.9	74.5	80.0	80.7	84.1	85.4	85.7	87.8	88.9	89.0	90.4	91.0	91.7	92.8
GE 100	63.6	66.8	71.0	74.5	80.1	80.7	84.2	85.6	85.9	88.2	89.5	89.5	91.5	92.3	93.7	96.0
GE 000	63.6	66.8	71.0	74.5	80.1	80.7	84.2	85.6	85.9	88.3	89.5	89.6	91.6	92.4	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 61277



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	1.6	19.3	23.9	47.0	8.2	79.2		451
03-05	2.6	20.3	18.5	51.2	7.3	77.0		453
06-08	.9	18.9	24.0	48.5	7.7	80.2		454
09-11	.2	11.0	36.8	43.4	8.6	88.8		465
12-14		7.1	39.7	46.3	6.9	92.9		464
15-17	.2	7.1	34.5	50.2	8.0	92.7		464
18-20	.7	9.8	30.4	49.7	9.4	89.5		457
21-23	.2	18.8	26.2	46.6	8.1	80.9		446
ALL HOURS	.8	14.0	29.3	47.9	8.0	85.2		3654

MONTH: FEB HOURS: ALL

00-02	.3	24.2	12.8	55.8	6.8	75.5		351
03-05	.5	21.9	13.4	58.3	5.9	77.5		374
06-08	.5	20.4	23.5	46.9	8.8	79.1		422
09-11		10.9	37.0	47.4	4.7	89.1		422
12-14		11.3	29.8	54.1	4.7	88.7		423
15-17	.5	10.0	28.2	56.9	4.5	89.6		422
18-20	.2	8.5	29.9	57.1	4.3	91.2		422
21-23		20.7	17.0	55.5	6.9	79.3		348
ALL HOURS	.3	15.6	24.5	53.9	5.8	84.1		3184

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	.3	21.5	22.8	44.4	11.0	78.2		381
03-05		22.3	22.8	46.1	8.8	77.7		421
06-08		16.6	27.4	47.4	8.6	83.4		464
09-11		9.2	35.7	47.7	7.3	90.8		465
12-14	.9	9.7	38.5	44.3	6.7	89.5		465
15-17	.4	6.0	45.2	42.6	5.8	93.5		465
18-20	.2	9.4	37.3	47.4	5.7	90.4		456
21-23	.5	18.7	28.5	42.9	9.3	80.8		396
ALL HOURS	.3	13.8	32.7	45.4	7.8	85.9		3513

MONTH: APR HOURS: ALL

00-02	1.0	12.4	13.7	60.1	12.9	86.6		388
03-05	1.1	11.3	11.8	60.4	15.3	87.6		450
06-08		10.2	15.3	62.9	11.6	89.8		450
09-11		6.0	21.4	61.9	10.7	94.0		449
12-14		7.6	26.7	57.3	8.4	92.4		450
15-17		8.4	23.8	60.2	7.6	91.6		450
18-20		6.7	24.3	60.7	8.3	93.3		420
21-23		9.2	18.9	63.6	8.3	90.8		360
ALL HOURS	.3	8.9	19.5	60.8	10.4	90.8		3417

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02		7.5	14.8	62.8	15.0	92.5		400
03-05		9.2	11.6	65.4	13.8	90.8		465
06-08		6.2	14.6	70.1	9.0	93.8		465
09-11	.2	4.5	19.1	69.9	6.2	95.3		465
12-14		5.8	21.8	65.5	6.9	94.2		464
15-17		5.2	18.7	68.2	8.0	94.8		465
18-20		4.2	22.9	64.2	8.8	95.8		433
21-23		4.6	18.8	63.3	13.3	95.4		368
ALL HOURS	.0	5.9	17.8	66.3	10.0	94.0		3525

MONTH: JUN HOURS: ALL

00-02	.3	.6	2.8	58.8	37.5	99.1		323
03-05	.3	1.7	4.2	58.6	35.3	98.1		360
06-08		.3	9.2	58.1	32.5	99.7		360
09-11		1.7	8.9	67.1	22.3	98.3		359
12-14		3.9	11.1	66.1	18.9	96.1		360
15-17	.3	3.3	14.7	62.5	19.2	96.4		360
18-20		3.4	11.3	58.8	26.6	96.6		354
21-23		1.5	7.3	57.9	33.3	98.5		342
ALL HOURS	.1	2.1	8.8	61.0	28.0	97.8		2818

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02		1.3	2.2	38.5	58.0	98.7		371
03-05		1.1	1.3	34.1	63.4	98.9		372
06-08		.5	5.1	31.2	63.2	99.5		372
09-11		1.3	4.6	44.6	49.5	98.7		372
12-14			10.2	54.8	34.9	100.0		372
15-17		3.0	9.1	56.2	31.7	97.0		372
18-20		.3	5.1	49.7	44.9	99.7		372
21-23		.5	5.4	40.1	54.0	99.5		372
ALL HOURS		1.0	5.4	43.7	49.9	99.0		2975

MONTH: AUG HOURS: ALL

00-02	2.6	5.7	6.4	31.9	53.4	91.7		423
03-05	2.3	3.8	4.7	29.3	59.9	93.9		426
06-08		2.8	8.5	34.3	54.5	97.2		426
09-11		1.9	12.9	41.3	43.9	98.1		426
12-14		5.6	12.2	46.5	35.7	94.4		426
15-17		7.5	8.9	52.0	31.5	92.5		425
18-20	.2	6.6	10.1	43.3	39.8	93.2		425
21-23	.5	6.4	6.4	33.6	53.2	93.1		423
ALL HOURS	.7	5.0	8.8	39.0	46.5	94.3		3400

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL ORS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	5.1	17.9	13.6	38.8	24.6	77.0		448
03-05	7.1	12.0	16.2	42.7	22.0	80.9		450
06-08	1.8	13.1	20.0	44.8	20.3	85.1		449
09-11	.7	12.0	27.2	42.5	17.6	87.3		449
12-14	.9	9.1	28.9	42.2	18.9	90.0		450
15-17	.4	11.6	27.8	44.8	15.4	88.0		449
18-20		14.7	25.6	42.8	16.9	85.3		449
21-23	1.8	19.2	16.9	39.6	22.5	79.1		449
ALL HOURS	2.2	13.7	22.0	42.3	19.8	84.1		3593

MONTH: OCT HOURS: ALL

00-02	5.9	30.4	18.2	38.4	7.2	63.8		461
03-05	7.6	29.2	15.8	41.6	5.8	63.2		462
06-08	3.5	29.4	22.9	38.3	5.8	67.1		462
09-11	.9	22.3	30.5	41.6	4.8	66.8		462
12-14	.6	20.6	35.1	40.9	2.8	78.8		462
15-17	.2	20.6	35.1	39.8	4.3	79.2		462
18-20	.4	21.2	34.6	38.3	5.4	78.4		462
21-23	1.9	29.4	21.6	40.0	6.9	68.6		462
ALL HOURS	2.6	25.4	26.7	39.9	5.4	72.0		3695

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	1.7	25.2	22.1	43.9	7.2	73.1		417
03-05	1.7	26.2	23.1	42.8	6.3	72.1		416
06-08	1.2	28.8	22.1	42.4	5.5	70.0		417
09-11		13.4	37.4	45.8	3.4	86.6		417
12-14	.2	8.6	39.6	48.4	3.1	91.1		417
15-17		11.5	36.7	48.4	3.4	88.5		417
18-20	.2	18.5	29.7	44.6	7.0	81.3		417
21-23	2.4	23.1	25.8	43.4	5.3	74.5		415
ALL HOURS	.9	19.4	29.6	45.0	5.1	79.7		3333

MONTH: DEC HOURS: ALL

00-02	1.1	20.1	19.6	50.1	9.1	78.8		373
03-05	1.9	17.3	19.7	53.1	8.0	80.8		375
06-08		21.6	16.0	52.3	10.1	78.4		375
09-11		7.2	29.9	49.7	13.1	92.8		374
12-14		9.1	31.2	46.9	12.8	90.9		375
15- 7		9.9	31.2	48.3	10.7	90.1		375
18-20	.5	13.9	31.7	47.2	6.7	85.6		375
21-23	.5	20.5	25.1	45.9	8.0	78.9		375
ALL HOURS	.5	14.9	25.6	49.2	9.8	84.6		2997

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	1.8	15.9	14.7	47.0	20.5	82.3		4787
03-05	2.2	14.9	13.8	48.6	20.4	82.8		5024
06-08	.7	14.4	17.7	48.3	18.9	84.9		5116
09-11	.2	8.7	25.6	50.1	15.3	91.1		5125
12-14	.2	8.4	27.6	50.9	12.9	91.4		5128
15-17	.2	8.8	26.6	52.3	12.1	91.0		5126
18-20	.2	10.0	24.9	50.1	14.8	8.8		5042
21-23	.7	14.9	18.4	47.0	18.9	84.4		4756
ALL HOURS	.8	11.9	21.3	49.3	16.7	87.3		40104

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE



PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).  
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.  
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65							.5						.0
GE 60							1.0	1.0					.2
GE 55					.2	1.1	5.7	10.8	3.3				1.8
GE 50					.2	9.3	40.1	76.9	49.2	6.5	.3		5.6
GE 45	.3		1.5	2.5	12.8	63.3	97.3	99.8	96.2	53.1	7.8	1.6	36.8
GE 40	9.9	4.9	16.2	47.9	82.9	99.2	100.0	100.0	100.0	97.5	52.1	21.9	61.8
GE 35	57.9	56.8	72.0	95.1	100.0	100.0				100.0	91.2	69.5	87.3
GE 33	78.7	77.9	87.9	98.8							97.0	83.8	93.9
GE 30	93.3	95.1	98.7	100.0							100.0	97.7	98.8
GE 25	99.5	100.0	100.0									100.0	100.0
GE 20	100.0												100.0
MEAN	35.1	34.8	36.4	39.2	41.8	45.6	49.0	51.4	49.4	44.8	39.6	36.5	42.1
SD	3.47	3.02	3.26	2.61	2.54	2.86	3.07	2.73	2.83	2.80	3.55	3.73	6.46
TOTAL OBS	375	366	396	405	414	376	01	415	390	397	399	383	4717

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 50							.2	3.4	1.0				.4
GE 45							12.5	43.4	19.7	2.8	.3		6.8
GE 40				.2	1.0	38.3	92.8	97.1	90.0	33.8	4.8	.8	30.3
GE 35	10.4	5.7	5.3	18.3	60.6	98.7	100.0	100.0	99.7	88.2	38.6	12.8	53.7
GE 33	21.9	16.1	20.7	49.1	85.0	99.5			100.0	94.5	61.2	29.2	65.4
GE 30	50.7	48.4	61.1	82.2	98.3	100.0				99.5	86.5	62.9	82.9
GE 25	85.9	88.5	90.7	99.3	100.0					100.0	97.7	90.3	96.2
GE 20	98.4	98.9	99.7	100.0							100.0	99.5	99.7
GE 15	100.0	100.0	100.0									100.0	100.0
MEAN	29.2	29.0	29.8	32.2	34.9	38.8	42.3	44.3	42.6	38.1	33.4	30.2	35.5
SD	4.21	3.70	3.62	2.93	2.36	2.01	2.01	2.57	2.57	3.37	3.94	4.02	6.28
TOTAL OBS	375	366	396	405	414	376	401	415	390	397	399	383	4717

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 55							.2	.2					.0
GE 50							6.5	24.6	8.7	.5			3.5
GE 45					.2	14.9	71.1	94.7	76.9	13.9	1.3		23.2
GE 40	1.9	.3	1.5	4.9	29.2	91.8	100.0	100.0	99.7	81.1	20.8	4.7	45.1
GE 35	28.0	21.6	33.6	74.6	97.1	100.0			100.0	99.2	73.2	39.7	72.9
GE 33	50.9	46.7	62.1	90.9	99.8					100.0	89.2	61.9	84.0
GE 30	77.6	80.6	87.1	99.0	100.0						96.2	84.9	94.0
GE 25	98.1	98.9	100.0	100.0							100.0	99.2	99.7
GE 20	100.0	100.0										100.0	100.0
MEAN	32.3	32.0	33.2	35.8	38.5	42.4	45.8	48.0	46.1	41.6	36.6	33.5	38.9
SD	3.62	3.08	3.12	2.44	2.04	2.09	2.18	2.25	2.40	2.81	3.54	3.62	6.23
TOTAL OBS	375	366	396	405	414	376	401	415	390	397	399	383	4717

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		43	48	44	45	53	65	56	54	49	44	38	65*
44	36	39	40	43	47	54	56	55	53	49	50	43	56
45	39	41	42	46	49	56	55	54	57	47	46	45	57
46	39	38	38	42	43	51	51	58	55	50	43	45	58
47	45	38	42	43	43	49	51	53	54	49	46	42	54
48	40	38	42	46	46	47	54	57	56	47	44	44	57
49	39	41	40	40	47	51	51	60	52	50	47	41	60
50	41	39	38	41	44				52	47	45*		52*
67							57*	62*	52*	49*	45	44*	62*
68	42*	40	45*	46	48	50	57	56	54*	51*	44	45*	57*
69	43*	43	41	43	47	50*	57*	58*	57	47*	47*	37*	58*
70	38*	38*	39*	42	47*	58*	52	62	55	52	47	45*	62*
71	42*	42	42	45*	45*	48*	51	53	53	49	48	45	53*
72	39	42*	48*	46	59*	50	56	64*	54*	48*	45	42	64*
73	40*	38*	42*	42	46	49	54*	53					54*
.....													
GREATEST	45	43	48	46	59	58	65	64	57	52	50	45	65
.....													
TOTAL OBS	375	366	396	405	414	376	401	415	390	397	399	383	4717

THE GREATEST VALUE OF 65 OCCURRED ON 07/24/43

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		22	22	20	30	34	40	40	38	35	23	22	20*
44	17	15	23	23	30	36	36	38	38	33	27	23	15
45	19	22	20	30	31	36	40	39	38	29	28	24	19
46	22	21	21	29	30	35	37	39	39	31	30	25	21
47	22	24	20	30	32	32	39	32	37	33	32	26	20
48	23	26	28	33	33	36	39	40	37	31	28	23	23
49	24	25	25	28	34	36	37	41	37	32	25	20	20
50	28	28	21	27	31				38	35	28*		21*
67							44*	43*	33*	31*	26	22*	22*
68	28*	23	25*	25	30	36	40	40	37*	28*	25	20*	20*
69	22*	19	22	29	30	35*	38*	43*	40	32*	22*	22*	19*
70	18*	22*	19*	26	32*	35*	38	38	39	34	30	17*	17*
71	22*	17	20	26*	27*	34*	38	39	37	33	26	21	17*
72	22	24*	27*	26	31*	35	39	40*	36*	32*	21	22	21*
73	21*	25*	25*	25	25	32	35*	39					21*
.....													
LEAST	17	15	19	20	25	32	35	38	33	28	21	17	15
.....													
TOTAL OBS	375	366	396	405	414	376	401	415	390	397	399	383	4717

THE LEAST VALUE OF 15 OCCURRED ON 02/01/44

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: 4302-5011,6707-7308  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		33	36	34	39	43	47	50	46	42	35	31	40*
44	29	30	33	35	38	44	46	48	46	42	38	33	39
45	31	32	32	38	40	44	46	48	47	41	38	34	39
46	32	31	31	36	37	42	45	48	48	43	36	36	39
47	32	31	33	36	38	41	45	46	45	41	39	33	38
48	32	33	35	39	40	42	46	49	48	41	36	34	40
49	31	33	33	35	38	41	44	47	44	40	36	33	38
50	36	33	32	35	37				45	42	37*		37*
67							49*	50*	45*	41*	36	33*	42*
68	35*	31	34*	35	39	42	47	48	47*	43*	35	36*	39*
69	34*	32	33	36	39	43*	47*	51*	48	41*	36*	31*	39*
70	31*	32*	31*	36	39*	43*	45	48	47	43	40	35*	40*
71	33*	31	33	35*	38*	42*	44	47	46	41	38	35	39*
72	32	34*	35*	37	40*	42	46	48*	45*	40*	34	33	38*
73	32*	32*	34*	35	38	42	45*	47					39*
MEAN	32.3	32.0	33.2	35.8	38.5	42.4	45.8	48.0	46.1	41.6	36.6	33.5	38.9
TOTAL OBS	375	366	396	405	414	376	401	415	390	397	399	383	4717

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	31.8	3.976	634	0	332	0	0	0	634
03-05	31.6	3.938	638	0	351	0	0	0	638
06-08	31.7	3.937	637	0	350	0	0	0	637
09-11	31.9	3.873	647	0	354	0	0	0	647
12-14	32.7	3.680	648	0	317	0	0	0	648
15-17	33.1	3.577	648	0	282	0	0	0	648
18-20	32.3	3.786	641	0	316	0	0	0	641
21-23	32.0	3.956	633	0	324	0	0	0	633
ALL HOURS	32.1	3.759	5126	0	2626	0	0	0	5126

MONTH: FEB

00-02	32.0	3.053	602	0	307	0	0	0	602
03-05	31.9	3.017	629	0	334	0	0	0	629
06-08	31.7	3.126	677	0	387	0	0	0	677
09-11	31.9	2.960	677	0	367	0	0	0	677
12-14	33.1	2.994	676	0	241	0	0	0	676
15-17	33.5	2.972	677	0	215	0	0	0	677
18-20	32.6	2.898	677	0	292	0	0	0	677
21-23	32.1	2.942	603	0	293	0	0	0	603
ALL HOURS	32.3	3.149	5218	0	2436	0	0	0	5218

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	32.7	3.306	657	0	286	0	0	0	657
03-05	32.4	3.288	697	0	324	0	0	0	697
06-08	32.1	3.448	741	0	386	0	0	0	741
09-11	32.8	3.397	740	0	318	0	0	0	740
12-14	34.3	3.427	741	0	210	0	0	0	741
15-17	34.9	3.574	741	0	175	0	0	0	741
18-20	34.0	3.566	732	0	218	0	0	0	732
21-23	33.0	3.298	668	0	269	0	0	0	668
ALL HOURS	33.3	3.542	5717	0	2186	0	0	0	5717

MONTH: APR

00-02	34.7	2.750	656	0	108	0	0	0	656
03-05	34.4	2.791	720	0	143	0	0	0	720
06-08	34.4	2.832	719	0	157	0	0	0	719
09-11	35.6	2.776	719	0	92	0	0	0	719
12-14	37.3	2.863	720	0	38	0	0	0	720
15-17	37.9	2.737	720	0	24	0	0	0	720
18-20	36.9	2.596	689	0	46	0	0	0	689
21-23	35.3	2.531	629	0	83	0	0	0	629
ALL HOURS	35.8	3.098	5572	0	691	0	0	0	5572

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	37.0	2.031	676	0	10	0	0	0	676
03-05	36.7	2.054	743	0	12	0	0	0	743
06-08	36.8	2.051	741	0	14	0	0	0	741
09-11	38.2	2.120	744	0	2	0	0	0	744
12-14	39.6	2.204	742	0	0	0	0	0	742
15-17	40.2	2.198	741	0	0	0	0	0	741
18-20	39.4	2.050	712	0	0	0	0	0	712
21-23	38.0	1.912	647	0	1	0	0	0	647
ALL HOURS	38.2	2.394	5746	0	39	0	0	0	5746

MONTH: JUN

00-02	40.7	1.830	590	0	0	0	0	0	590
03-05	40.3	1.907	630	0	0	0	0	0	630
06-08	40.4	2.022	630	0	0	0	0	0	630
09-11	41.7	1.970	628	0	0	0	0	0	628
12-14	43.5	2.544	630	0	0	0	0	0	630
15-17	44.3	2.857	629	0	0	0	0	0	629
18-20	43.5	2.634	623	0	0	0	0	0	623
21-23	41.9	2.236	612	0	0	0	0	0	612
ALL HOURS	42.0	2.787	4972	0	0	0	0	0	4972

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.2	2.027	649	0	0	0	0	0	649
03-05	44.0	2.162	651	0	0	0	0	0	651
06-08	44.0	2.174	651	0	0	0	0	0	651
09-11	45.3	2.168	651	0	0	0	0	0	651
12-14	47.0	2.600	651	0	0	0	0	0	651
15-17	47.6	2.786	650	0	0	0		0	650
18-20	46.4	2.484	651	0	0	0	0	0	651
21-23	45.0	2.099	650	0	0	0	0	0	650
ALL HOURS	45.4	2.635	5204	0	0	0	0	0	5204

MONTH: AUG

00-02	46.6	2.230	699	0	0	0	0	0	699
03-05	46.4	2.387	703	0	0	0	0	0	703
06-08	46.5	2.520	705	0	0	0	0	0	705
09-11	47.5	2.420	705	0	0	0	0	0	705
12-14	49.1	2.416	702	0	0	0	0	0	702
15-17	49.7	2.428	702	0	0	0	0	0	702
18-20	48.8	2.386	703	0	0	0	0	0	703
21-23	47.3	2.339	701	0	0	0	0	0	701
ALL HOURS	47.7	2.775	5620	0	0	0	0	0	5620

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.8	2.713	716	0	0	0	0	0	716
03-05	44.6	2.662	720	0	0	0	0	0	720
06-08	44.4	2.683	719	0	0	0	0	0	719
09-11	45.4	2.567	719	0	0	0	0	0	719
12-14	47.1	2.553	720	0	0	0	0	0	720
15-17	47.7	2.701	720	0	0	0	0	0	720
18-20	46.7	2.685	718	0	0	0	0	0	718
21-23	45.2	2.695	719	0	0	0	0	0	719
ALL HOURS	45.7	2.861	5751	0	0	0	0	0	5751

MONTH: OCT

00-02	40.7	3.012	740	0	7	0	0	0	740
03-05	40.6	3.037	741	0	3	0	0	0	741
06-08	40.4	3.058	741	0	8	0	0	0	741
09-11	41.1	2.990	739	0	4	0	0	0	739
12-14	42.6	2.678	739	0	0	0	0	0	739
15-17	42.9	2.791	741	0	1	0	0	0	741
18-20	41.8	2.852	738	0	4	0	0	0	738
21-23	40.9	2.760	737	0	5	0	0	0	737
ALL HOURS	41.4	3.113	5916	0	32	0	0	0	5916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	36.4	3.714	687	0	115	0	0	0	687
03-05	36.4	3.780	686	0	114	0	0	0	686
06-08	36.4	3.742	687	0	121	0	0	0	687
09-11	36.5	3.891	687	0	105	0	0	0	687
12-14	37.7	3.648	687	0	64	0	0	0	687
15-17	37.8	3.592	687	0	54	0	0	0	687
18-20	36.9	3.610	686	0	88	0	0	0	686
21-23	36.5	3.674	684	0	104	0	0	0	684
ALL HOURS	36.8	3.650	5491	0	765	0	0	0	5491

MONTH: DEC

00-02	33.3	3.481	649	0	251	0	0	0	649
03-05	33.4	3.434	651	0	247	0	0	0	651
06-08	33.3	3.665	651	0	262	0	0	0	651
09-11	33.5	3.732	649	0	243	0	0	0	649
12-14	34.1	3.553	651	0	208	0	0	0	651
15-17	34.2	3.446	650	0	197	0	0	0	650
18-20	33.4	3.431	648	0	247	0	0	0	648
21-23	33.1	3.450	651	0	267	0	0	0	651
ALL HOURS	33.5	3.633	5200	0	1922	0	0	0	5200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
0002	38.1	5.921	7955	0	1416	0	0	0	7955
03-05	37.8	5.862	8209	0	1528	0	0	0	8209
06-08	37.7	5.943	8299	0	1685	0	0	0	8299
09-11	38.5	6.170	8305	0	1485	0	0	0	8305
12-14	39.9	6.356	8307	0	1078	0	0	0	8307
15-17	40.3	6.465	8306	0	948	0	0	0	8306
18-20	39.4	6.414	8218	0	1211	0	0	0	8218
21-23	38.5	6.084	7934	0	1346	0	0	0	7934
ALL HOURS	38.8	6.227	65533	0	10697	0	0	0	65533

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

TATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.8	4.338	633	386	0	0	0	0	633
03-05	30.6	4.321	637	392	0	0	0	0	637
06-08	30.6	4.382	637	389	0	0	0	0	637
09-11	30.9	4.269	647	409	0	0	0	0	647
12-14	31.5	4.084	647	390	0	0	0	0	647
15-17	31.9	4.029	648	359	0	0	0	0	648
18-20	31.3	4.097	641	371	0	0	0	0	641
21-23	30.9	4.220	633	379	0	0	0	0	633
ALL HOURS	31.1	4.229	5123	3075	0	0	0	0	5123

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.9	3.502	601	388	0	0	0	0	601
03-05	30.9	3.387	627	411	0	0	0	0	627
06-08	30.6	3.386	677	474	0	0	0	0	677
09-11	30.7	3.332	677	475	0	0	0	0	677
12-14	31.7	3.160	676	412	0	0	0	0	676
15-17	32.1	3.100	677	361	0	0	0	0	677
18-20	31.4	3.106	675	414	0	0	0	0	675
21-23	30.9	3.322	603	399	0	0	0	0	603
ALL HOURS	31.1	3.303	5213	3334	0	0	0	0	5213



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	31.5	3.540	657	396	0	0	0	0	657
03-05	31.2	3.531	697	442	0	0	0	0	697
06-08	31.0	3.846	741	481	0	0	0	0	741
09-11	31.4	3.618	740	460	0	0	0	0	740
12-14	32.7	3.527	741	345	0	0	0	0	741
15-17	33.2	3.649	741	293	0	0	0	0	741
18-20	32.6	3.607	732	338	0	0	0	0	732
21-23	31.8	3.470	668	375	0	0	0	0	668
ALL HOURS	31.9	3.741	5717	3130	0	0	0	0	5717

MONTH: APR

00-02	33.6	3.039	655	200	0	0	0	0	655
03-05	33.4	3.023	720	244	0	0	0	0	720
06-08	33.3	2.969	719	257	0	0	0	0	719
09-11	34.2	3.085	719	180	0	0	0	0	719
12-14	35.7	2.952	720	95	0	0	0	0	720
15-17	36.2	2.801	720	66	0	0	0	0	720
18-20	35.4	2.710	688	93	0	0	0	0	688
21-23	34.1	2.878	629	158	0	0	0	0	629
ALL HOURS	34.5	3.107	5570	1293	0	0	0	0	5570

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	36.0	2.197	676	40	0	0	0	0	676
03-05	35.7	2.008	743	53	0	0	0	0	743
06-08	35.8	2.296	740	55	0	0	0	0	740
09-11	37.0	2.132	742	19	0	0	0	0	742
12-14	38.2	2.162	741	7	0	0	0	0	741
15-17	38.6	2.046	740	0		0	0	0	740
18-20	38.0	2.087	711	5	0	0	0	0	711
21-23	36.9	1.920	647	15	0	0	0	0	647
ALL HOURS	37.0	2.246	5740	194	0	0	0	0	5740

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.2	2.007	588	0	0	0	0	0	588
03-05	39.9	2.055	628	0	0	0	0	0	628
06-08	40.0	2.153	628	0	0	0	0	0	628
09-11	40.9	2.041	625	0	0	0	0	0	625
12-14	42.2	2.074	630	0	0	0	0	0	630
15-17	42.8	2.295	629	0	1	0	0	0	629
18-20	42.3	2.336	620	0	0	0	0	0	620
21-23	41.2	1.998	609	0	0	0	0	0	609
ALL HOURS	41.2	2.332	4957	0	1	0	0	0	4957

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.8	1.801	649	0	0	0	0	0	649
03-05	43.7	2.001	651	0	0	0	0	0	651
06-08	43.8	2.163	649	0	1	0	0	0	649
09-11	44.9	2.055	651	0	16	0	0	0	651
12-14	46.1	2.226	651	0	55	0	0	0	651
15-17	46.5	2.233	650	0	75	0	0	0	650
18-20	45.6	2.043	651	0	41	0	0	0	651
21-23	44.6	2.018	650	0	10	0	0	0	650
ALL HOURS	44.9	2.297	5202	0	198	0	0	0	5202

MONTH: AUG

00-02	46.3	2.512	699	0	77	0	0	0	699
03-05	46.0	2.541	702	0	61	0	0	0	702
06-08	46.1	2.616	701	0	72	0	0	0	701
09-11	47.0	2.477	704	0	100	0	0	0	704
12-14	48.2	2.332	701	0	210	0	0	0	701
15-17	48.7	2.414	701	0	251	0	0	0	701
18-20	47.9	2.359	702	0	181	0	0	0	702
21-23	46.7	2.487	700	0	114	0	0	0	700
ALL HOURS	47.1	2.721	5610	0	1066	0	0	0	5610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.9	2.745	715	0	26	0	0	0	715
03-05	43.7	2.822	720	0	26	0	0	0	720
06-08	43.6	2.945	718	0	32	0	0	0	718
09-11	44.3	2.711	718	0	37	0	0	0	718
12-14	45.6	2.585	719	0	63	0	0	0	719
15-17	46.0	2.641	718	0	71	0	0	0	718
18-20	45.2	2.791	718	0	53	0	0	0	718
21-23	44.1	2.876	719	0	29	0	0	0	719
ALL HOURS	44.6	2.794	5745	0	337	0	0	0	5745

MONTH: OCT

00-02	39.5	3.407	740	18	0	0	0	0	740
03-05	39.3	3.366	741	13	0	0	0	0	741
06-08	39.2	3.450	741	19	1	0	0	0	741
09-11	39.6	3.334	739	22	0	0	0	0	739
12-14	40.8	3.146	739	14	0	0	0	0	739
15-17	41.0	3.120	741	7	0	0	0	0	741
18-20	40.2	3.190	738	16	0	0	0	0	738
21-23	39.5	3.219	737	20	0	0	0	0	737
ALL HOURS	39.9	3.273	5916	129	1	0	0	0	5916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.4	3.901	686	151	0	0	0	0	686
03-05	35.3	4.023	686	155	0	0	0	0	686
06-08	35.3	3.987	687	160	0	0	0	0	687
09-11	35.4	4.152	687	150	0	0	0	0	687
12-14	36.4	3.873	686	124	0	0	0	0	686
15-17	36.5	3.723	687	116	0	0	0	0	687
18-20	35.8	3.837	686	133	0	0	0	0	686
21-23	35.4	3.978	684	149	0	0	0	0	684
ALL HOURS	35.7	3.993	5489	1138	0	0	0	0	5489

MONTH: DEC

00-02	32.2	3.743	648	329	0	0	0	0	648
03-05	32.2	3.765	650	331	0	0	0	0	650
06-08	32.3	4.020	649	327	0	0	0	0	649
09-11	32.4	4.022	649	316	0	0	0	0	649
12-14	33.0	3.944	650	294	0	0	0	0	650
15-17	33.0	3.766	649	286	0	0	0	0	649
18-20	32.4	3.747	648	316	0	0	0	0	648
21-23	32.1	3.711	648	336	0	0	0	0	648
ALL HOURS	32.4	3.893	5191	2535	0	0	0	0	5191

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: ANCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	37.1	6.245	7947	1908	103	0	0	0	7947
03-05	36.9	6.194	8202	2041	87	0	0	0	8202
06-08	36.8	6.265	8287	2162	106	0	0	0	8287
09-11	37.4	6.455	8298	2031	153	0	0	0	8298
12-14	38.5	6.517	8301	1681	328	0	0	0	8301
15-17	38.9	6.518	8301	1488	398	0	0	0	8301
18-20	38.2	6.525	8210	1686	275	0	0	0	8210
21-23	37.5	6.348	7927	1831	153	0	0	0	7927
ALL HOURS	37.7	6.427	65473	14828	1603	0	0	0	65473

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	28.3	6.174	633	284	45	633	0	633
03-05	28.1	6.022	637	292	38	637	0	637
06-08	28.2	6.122	637	294	45	637	0	637
09-11	28.5	5.954	647	285	44	647	0	647
12-14	29.0	5.980	647	271	74	647	0	647
15-17	29.5	5.804	648	233	72	648	0	648
18-20	29.1	5.789	641	249	51	641	0	641
21-23	28.6	5.855	633	273	47	633	0	633
ALL HOURS	28.7	6.035	5123	2181	416	5123	0	5123

MONTH: FEB

00-02	28.5	5.072	601	245	18	601	0	676
03-05	28.6	4.88	627	259	16	627	0	676
06-08	28.4	4.908	677	300	20	677	0	676
09-11	28.1	4.825	677	309	16	677	0	676
12-14	28.9	4.674	676	263	18	676	0	676
15-17	29.5	4.562	677	223	22	677	0	676
18-20	28.8	4.638	675	268	17	675	0	676
21-23	28.4	4.932	603	244	20	603	0	676
ALL HOURS	28.7	4.880	5213	2111	147	5213	0	5213

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	29.1	5.171	657	224	26	657	0	657
03-05	28.7	5.365	697	266	27	697	0	697
06-08	28.5	5.505	741	296	39	741	0	741
09-11	28.7	5.447	740	284	36	740	0	740
12-14	29.8	5.139	741	238	59	741	0	741
15-17	30.4	5.041	741	199	61	741	0	741
18-20	29.9	5.112	732	219	46	732	0	732
21-23	29.5	5.109	668	211	30	668	0	668
ALL HOURS	29.3	5.316	5717	1937	324	5717	0	5717

MONTH: APR

00-02	31.5	4.322	655	112	58	655	0	720
03-05	31.4	4.287	720	137	63	720	0	720
06-08	31.4	4.287	719	130	67	719	0	720
09-11	32.0	4.284	719	111	93	719	0	720
12-14	33.1	4.321	720	83	156	720	0	720
15-17	33.6	4.043	720	71	192	720	0	720
18-20	33.0	4.035	688	75	134	688	0	720
21-23	31.9	4.140	629	101	65	629	0	720
ALL HOURS	32.2	4.361	5570	820	828	5570	0	5570



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.5	2.919	676	14	167	676	0	676
03-05	34.2	2.873	743	18	147	743	0	743
06-08	34.2	3.091	740	26	157	740	0	740
09-11	35.1	3.036	742	19	250	742	0	742
12-14	36.2	2.972	741	10	382	741	0	741
15-17	36.4	2.857	740	4	390	740	0	740
18-20	35.9	2.991	711	8	333	711	0	711
21-23	35.3	2.736	647	8	219	647	0	647
ALL HOURS	35.2	3.131	5740	107	2045	5740	0	5740

MONTH: JUN

00-02	39.4	2.404	588	0	506	588	0	630
03-05	39.2	2.446	628	0	533	628	0	630
06-08	39.2	2.496	628	0	526	628	0	630
09-11	40.0	2.517	625	0	560	625	0	630
12-14	40.9	2.638	630	0	589	630	0	630
15-17	41.1	2.835	629	0	587	629	0	630
18-20	40.8	2.801	620	0	571	620	0	630
21-23	40.2	2.490	609	0	549	609	0	630
ALL HOURS	40.1	2.798	4957	0	4421	4957	0	4957

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.6	2.025	649	0	649	649	0	649
03-05	43.5	2.261	651	0	650	651	0	651
06-08	43.6	2.220	649	0	649	649	0	649
09-11	44.5	2.052	651	0	650	651	0	651
12-14	45.4	2.258	651	0	651	651	0	651
15-17	45.7	2.408	650	0	650	650	0	650
18-20	45.0	2.268	651	0	651	651	0	651
21-23	44.2	2.053	650	0	650	650	0	650
ALL HOURS	44.4	2.456	5202	0	5200	5202	0	5202

MONTH: AUG

00-02	46.0	2.608	699	0	699	699	0	701
03-05	45.8	2.712	702	0	702	702	0	701
06-08	45.9	2.637	701	0	701	701	0	701
09-11	46.6	2.732	704	0	704	704	0	701
12-14	47.6	2.778	701	0	701	700	0	701
15-17	47.9	2.818	701	0	701	698	0	701
18-20	47.2	2.831	702	0	702	702	0	701
21-23	46.4	2.746	700	0	699	700	0	701
ALL HOURS	46.7	2.926	5610	0	5609	5606	0	5610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.0	3.574	715	1	690	715	0	715
03-05	42.8	3.521	720	0	686	720	0	720
06-08	42.7	3.529	718	0	683	718	0	718
09-11	43.2	3.443	718	1	692	718	0	718
12-14	44.1	3.387	719	0	705	719	0	719
15-17	44.4	3.412	718	0	704	718	0	718
18-20	43.8	3.465	718	0	701	718	0	718
21-23	43.1	3.469	719	0	692	719	0	719
ALL HOURS	43.4	3.595	5745	2	5553	5745	0	5745

MONTH: OCT

00-02	37.9	4.324	740	14	469	740	0	739
03-05	37.7	4.485	741	9	459	741	0	739
06-08	37.4	4.457	741	17	434	741	0	739
09-11	37.6	4.533	739	15	441	739	0	739
12-14	38.5	4.542	739	17	501	739	0	739
15-17	38.7	4.292	741	10	510	741	0	739
18-20	38.2	4.369	738	12	483	738	0	739
21-23	37.7	4.341	737	16	481	737	0	739
ALL HOURS	38.0	4.481	5916	110	3778	5916	0	5916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	33.6	4.978	686	87	201	686	0	686
03-05	33.6	5.091	686	101	208	686	0	686
06-08	33.5	5.053	687	100	198	687	0	687
09-11	33.5	5.378	687	108	214	687	0	687
12-14	34.2	5.184	686	89	257	686	0	686
15-17	34.4	4.732	687	68	251	687	0	687
18-20	33.9	5.024	686	90	233	686	0	686
21-23	33.6	5.120	684	110	197	684	0	684
ALL HOURS	33.8	5.116	5489	753	1759	5489	0	5489

MONTH: DEC

00-02	30.0	5.029	648	222	52	648	0	650
03-05	29.9	5.120	650	225	54	650	0	650
06-08	30.1	5.366	649	207	60	649	0	650
09-11	30.3	5.497	649	199	73	649	0	650
12-14	30.8	5.450	650	184	87	650	0	650
15-17	30.9	5.188	649	178	85	649	0	650
18-20	30.3	5.163	648	193	62	648	0	650
21-23	30.0	5.042	648	220	50	648	0	650
ALL HOURS	30.3	5.285	5191	1628	523	5191	0	5191

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL		
				LE 27	GE 37	LE 55	GE 65	HOURS
00-02	35.6	7.456	7947	1203	3580	7947	0	7947
03-05	35.4	7.418	8202	1307	3583	8202	0	8202
06-08	35.3	7.486	8287	1370	3579	8287	0	8287
09-11	35.7	7.694	8298	1331	3773	8298	0	8298
12-14	36.5	7.694	8301	1155	4180	8300	0	8301
15-17	36.9	7.554	8301	986	4225	8298	0	8301
18-20	36.4	7.573	8210	1114	3984	8210	0	8210
21-23	35.9	7.509	7927	1183	3699	7927	0	7927
ALL HOURS	36.0	7.569	65473	9649	30603	65469	0	65473

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.7	97.2	88.2	68.6	51.3	86.0	633
03-05	100.0	100.0	100.0	100.0	100.0	98.1	89.5	67.3	50.1	86.0	637
06-08	100.0	100.0	100.0	100.0	99.8	98.0	89.3	68.0	51.0	86.1	637
09-11	100.0	100.0	100.0	100.0	99.8	97.4	89.0	71.6	52.9	86.4	647
12-14	100.0	100.0	100.0	100.0	99.4	96.9	86.1	66.3	49.1	85.2	647
15-17	100.0	100.0	100.0	100.0	99.7	97.4	88.3	69.3	51.1	85.9	648
18-20	100.0	100.0	100.0	100.0	99.8	98.0	89.2	74.9	54.6	87.1	641
21-23	100.0	100.0	100.0	100.0	99.8	97.8	90.8	72.2	52.0	86.6	633
ALL HOURS	100.0	100.0	100.0	100.0	99.8	97.6	88.8	69.8	51.5	86.2	5123

MONTH: FEB

00-02	100.0	100.0	100.0	100.0	99.8	97.3	89.9	72.4	49.8	86.0	601
03-05	100.0	100.0	100.0	100.0	99.8	98.7	91.2	75.3	52.0	86.8	627
06-08	100.0	100.0	100.0	100.0	99.4	97.8	92.2	74.9	53.2	86.7	677
09-11	100.0	100.0	100.0	100.0	99.6	97.3	89.4	69.6	45.8	84.9	677
12-14	100.0	100.0	100.0	100.0	99.6	97.0	87.6	67.8	40.2	84.0	676
15-17	100.0	100.0	100.0	100.0	99.9	96.5	87.9	70.9	41.9	84.5	677
18-20	100.0	100.0	100.0	100.0	100.0	97.3	89.3	71.1	45.0	85.2	675
21-23	100.0	100.0	100.0	100.0	99.8	97.5	87.9	70.8	47.3	85.5	603
ALL HOURS	100.0	100.0	100.0	100.0	99.7	97.4	89.4	71.6	46.8	85.4	5213

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	97.0	90.6	71.4	47.2	85.7	657
03-05	100.0	100.0	100.0	100.0	99.9	96.4	89.7	69.0	47.3	85.3	697
06-08	100.0	100.0	100.0	100.0	99.7	96.9	89.9	69.9	47.6	85.6	741
09-11	100.0	100.0	100.0	100.0	99.6	95.8	85.7	64.2	42.0	83.9	740
12-14	100.0	100.0	100.0	100.0	99.6	95.5	84.2	63.2	38.5	83.2	741
15-17	100.0	100.0	100.0	100.0	99.3	95.4	84.8	62.2	38.1	83.1	741
18-20	100.0	100.0	100.0	100.0	99.9	96.9	86.3	68.0	42.8	84.6	732
21-23	100.0	100.0	100.0	100.0	99.9	96.9	90.0	74.0	49.6	86.1	668
ALL HOURS	100.0	100.0	100.0	100.0	99.7	96.3	87.5	67.6	44.0	84.6	5717

MONTH: APR

00-02	100.0	100.0	100.0	100.0	99.8	99.1	93.7	81.8	53.9	87.7	655
03-05	100.0	100.0	100.0	100.0	100.0	99.4	94.6	79.9	54.6	88.0	720
06-08	100.0	100.0	100.0	100.0	99.9	99.3	96.1	82.6	54.7	88.3	719
09-11	100.0	100.0	100.0	100.0	99.9	98.9	91.7	76.5	48.0	86.4	719
12-14	100.0	100.0	100.0	100.0	99.9	97.4	88.1	70.0	43.9	85.1	720
15-17	100.0	100.0	100.0	100.0	100.0	99.3	90.1	67.8	39.4	84.7	720
18-20	100.0	100.0	100.0	100.0	99.7	98.5	92.3	71.1	43.2	85.6	688
21-23	100.0	100.0	100.0	100.0	100.0	99.0	92.8	77.7	51.8	87.0	629
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.9	92.4	75.9	48.6	86.6	5570

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.9	99.0	91.6	62.6	90.5	676
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	92.6	64.5	90.8	743
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.8	89.9	64.5	90.3	740
09-11	100.0	100.0	100.0	100.0	100.0	99.9	97.0	84.8	57.5	89.0	742
12-14	100.0	100.0	100.0	100.0	100.0	100.0	97.4	78.9	50.2	87.9	741
15-17	100.0	100.0	100.0	100.0	100.0	100.0	97.2	72.3	41.9	86.7	740
18-20	100.0	100.0	100.0	100.0	100.0	99.7	97.5	76.1	46.3	87.5	711
21-23	100.0	100.0	100.0	100.0	100.0	99.8	98.9	89.0	58.9	89.9	647
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.9	98.1	84.3	55.7	89.1	5740

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.6	81.0	95.1	588
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9	84.2	95.8	628
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	84.7	95.7	628
09-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.2	74.1	94.0	625
12-14	100.0	100.0	100.0	100.0	100.0	99.8	98.7	88.9	60.8	91.0	630
15-17	100.0	100.0	100.0	100.0	100.0	100.0	96.3	85.4	54.1	89.2	629
18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.1	89.4	58.7	90.7	620
21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.1	76.7	94.0	609
ALL HOURS	100.0	100.0	100.0	100.0	100.0	100.0	99.1	93.9	71.7	93.2	4957



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.6	97.9	649
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	98.3	651
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	97.2	98.3	649
09-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	94.2	97.2	651
12-14	100.0	100.0	100.0	100.0	100.0	99.8	99.4	97.8	81.4	94.4	651
15-17	100.0	100.0	100.0	100.0	100.0	100.0	98.5	95.7	77.4	93.4	650
18-20	100.0	100.0	100.0	100.0	100.0	100.0	99.2	98.3	84.6	95.3	651
21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	91.8	97.2	650
ALL HOURS	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.9	90.2	96.5	520

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.1	97.8	699
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	98.1	702
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	96.6	97.9	701
09-11	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.6	91.2	96.8	704
12-14	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.4	80.2	94.7	701
15-17	100.0	100.0	100.0	100.0	100.0	100.0	99.3	97.1	72.9	93.6	701
18-20	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.6	78.3	94.5	702
21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	91.9	96.9	700
ALL HOURS	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.8	88.1	96.3	5610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.9	95.5	76.1	93.6	715
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	94.6	75.3	93.7	720
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.9	94.8	76.3	93.9	718
09-11	100.0	100.0	100.0	100.0	100.0	99.9	99.4	94.2	65.3	92.4	718
12-14	100.0	100.0	100.0	100.0	100.0	100.0	97.9	89.8	52.2	89.7	719
15-17	100.0	100.0	100.0	100.0	100.0	99.6	98.2	86.8	47.6	88.8	718
18-20	100.0	100.0	100.0	100.0	100.0	100.0	99.0	89.1	54.7	90.0	718
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.7	94.0	71.2	92.7	719
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.9	99.2	92.4	64.8	91.8	5745

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.8	85.4	57.7	89.7	740
03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.1	85.4	55.2	89.5	741
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.4	84.9	53.6	89.3	741
09-11	100.0	100.0	100.0	100.0	100.0	99.6	97.4	79.0	46.3	87.7	739
12-14	100.0	100.0	100.0	100.0	99.9	98.6	94.0	70.9	38.8	85.6	739
15-17	100.0	100.0	100.0	100.0	100.0	99.5	95.3	68.3	37.9	85.5	741
18-20	100.0	100.0	100.0	100.0	100.0	99.6	96.7	76.3	44.6	87.3	738
21-23	100.0	100.0	100.0	100.0	100.0	99.6	97.4	82.8	51.4	88.8	737
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.6	96.9	79.1	48.2	87.9	5916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.9	99.6	95.5	83.7	59.6	89.5	686
03-05	100.0	100.0	100.0	100.0	100.0	99.3	94.9	83.4	60.2	89.4	686
06-08	100.0	100.0	100.0	100.0	99.9	99.1	94.8	82.7	59.0	89.1	687
09-11	100.0	100.0	100.0	100.0	100.0	99.3	92.4	79.9	55.9	88.5	687
12-14	100.0	100.0	100.0	100.0	99.9	98.7	92.4	77.0	48.3	87.0	686
15-17	100.0	100.0	100.0	99.9	99.6	99.3	95.2	79.2	51.5	87.5	687
18-20	100.0	100.0	100.0	100.0	100.0	99.7	95.0	81.9	56.4	88.7	686
21-23	100.0	100.0	100.0	99.9	99.9	99.4	94.2	82.2	60.4	89.0	684
ALL HOURS	100.0	100.0	100.0	100.0	99.9	99.3	94.3	81.2	56.4	88.6	5489

MONTH: DEC

00-02	100.0	100.0	100.0	100.0	100.0	99.1	94.9	75.2	52.3	87.1	648
03-05	100.0	100.0	100.0	100.0	100.0	98.8	90.9	71.7	50.6	86.5	650
06-08	100.0	100.0	100.0	100.0	99.2	98.3	93.2	76.1	55.3	87.6	649
09-11	100.0	100.0	100.0	100.0	100.0	98.0	93.2	77.7	55.2	87.6	649
12-14	100.0	100.0	100.0	100.0	100.0	97.7	90.2	75.1	54.2	87.0	650
15-17	100.0	100.0	100.0	100.0	99.8	98.3	90.0	78.4	54.9	87.5	649
18-20	100.0	100.0	100.0	100.0	100.0	98.5	92.9	79.9	54.3	87.8	648
21-23	100.0	100.0	100.0	100.0	100.0	98.6	94.1	77.3	55.1	87.7	648
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.4	92.4	76.4	54.0	87.3	5191

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.9	99.1	95.9	85.5	65.5	90.6	7947
03-05	100.0	100.0	100.0	100.0	100.0	99.2	95.8	85.0	65.7	90.7	8202
06-08	100.0	100.0	100.0	100.0	99.8	99.1	96.1	85.2	65.9	90.7	8287
09-11	100.0	100.0	100.0	100.0	99.9	98.8	94.5	82.5	60.3	89.5	8298
12-14	100.0	100.0	100.0	100.0	99.8	98.5	92.9	78.4	52.8	87.8	8301
15-17	100.0	100.0	100.0	100.0	99.9	98.8	93.4	77.5	50.3	87.5	8301
18-20	100.0	100.0	100.0	100.0	100.0	99.0	94.6	81.1	55.0	88.6	8210
21-23	100.0	100.0	100.0	100.0	99.9	99.1	95.6	84.8	63.3	90.2	7927
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.9	94.8	82.5	59.8	89.4	65473

PPPPPPP	AAAAAA	RRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	998.6	1001.3	1005.6	1010.1	1009.9	1012.4	1012.7	1012.6	1011.9	1007.5	1002.5	999.0	1007.2
	SD	17.467	14.225	16.376	13.599	11.380	9.117	7.757	8.442	11.142	12.553	17.598	13.866	14.116
	TOT OBS	212	202	221	238	247	208	217	234	239	247	229	217	2711
0500	MEAN	998.4	999.8	1004.9	1009.6	1009.4	1012.1	1012.3	1012.3	1011.5	1007.7	1002.2	998.6	1006.6
	SD	17.368	14.385	16.175	13.555	11.404	9.042	7.643	8.543	11.164	12.784	17.854	13.873	14.203
	TOT OBS	213	225	244	240	247	210	217	234	240	247	229	217	2763
0800	MEAN	998.5	1000.0	1005.0	1009.9	1009.6	1012.3	1012.5	1012.4	1011.5	1007.4	1002.3	998.2	1006.7
	SD	17.511	14.579	16.366	13.552	11.421	8.966	7.460	8.496	11.125	12.775	17.963	14.100	14.298
	TOT OBS	214	225	244	238	247	210	215	235	240	247	229	217	2761
1100	MEAN	999.0	1000.4	1005.5	1010.2	1009.9	1012.5	1012.9	1012.8	1011.9	1008.0	1002.8	998.6	1007.1
	SD	17.593	14.809	16.701	13.630	11.350	9.017	7.412	8.473	11.311	12.789	17.993	14.468	14.389
	TOT OBS	216	226	242	239	248	209	217	235	240	247	229	216	2764
1400	MEAN	998.6	1000.1	1005.4	1010.1	1009.8	1012.6	1012.8	1012.9	1011.7	1007.8	1002.7	998.0	1006.9
	SD	17.514	15.030	16.897	13.750	11.403	9.109	7.444	8.532	11.375	12.622	17.703	14.556	14.464
	TOT OBS	216	224	243	240	247	210	217	232	240	246	229	217	2761
1700	MEAN	998.3	999.7	1004.9	1009.9	1009.5	1012.3	1012.5	1012.4	1011.3	1007.3	1002.3	997.8	1006.6
	SD	17.515	14.996	16.807	13.717	11.400	9.131	7.547	8.419	11.274	12.402	17.423	14.248	14.374
	TOT OBS	216	225	244	239	248	209	217	233	240	247	229	217	2764
2000	MEAN	998.6	1000.1	1005.1	1010.6	1009.1	1012.5	1012.3	1012.4	1011.3	1007.5	1002.7	998.5	1006.7
	SD	17.392	14.881	16.710	13.721	11.568	8.862	7.693	8.477	11.321	12.273	17.248	13.966	14.253
	TOT OBS	212	225	235	210	217	204	217	234	239	246	228	217	2684
2300	MEAN	998.8	1001.4	1005.7	1011.2	1009.5	1013.0	1012.7	1012.8	1011.7	1007.7	1002.6	998.9	1007.2
	SD	17.457	14.448	16.743	13.726	11.441	8.809	7.800	8.467	11.306	12.386	17.583	13.923	14.215
	TOT OBS	211	201	211	209	215	204	215	233	239	247	228	217	2630
ALL HOURS	MEAN	998.6	1000.3	1005.3	1010.2	1009.6	1012.5	1012.6	1012.6	1011.6	1007.5	1002.5	998.5	1006.9
	SD	17.479	14.692	16.601	13.662	11.421	9.011	7.598	8.484	11.255	12.577	17.674	14.132	14.292
	TOT OBS	1710	1753	1884	1853	1916	1664	1732	1870	1917	1974	1830	1735	21838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	29.62	29.64	29.59	29.87	29.80	29.84	29.88	29.89	29.86	29.71	29.61	29.61	29.75
	SD	.505	.422	.483	.401	.352	.281	.245	.248	.302	.359	.522	.410	.407
	TOT OBS	151	117	129	149	154	120	124	142	150	154	139	125	1654
0500	MEAN	29.62	29.55	29.58	29.85	29.79	29.83	29.87	29.88	29.85	29.71	29.60	29.59	29.73
	SD	.506	.439	.472	.405	.353	.277	.239	.251	.298	.364	.527	.409	.411
	TOT OBS	151	140	152	150	155	120	124	142	150	154	139	125	1702
0800	MEAN	29.62	29.56	29.59	29.85	29.80	29.84	29.88	29.88	29.86	29.71	29.61	29.58	29.73
	SD	.506	.446	.484	.412	.352	.277	.229	.252	.302	.369	.528	.418	.415
	TOT OBS	153	141	152	150	155	120	122	142	150	154	139	125	1703
1100	MEAN	29.64	29.57	29.61	29.87	29.81	29.84	29.89	29.90	29.86	29.73	29.63	29.58	29.74
	SD	.505	.454	.498	.406	.347	.278	.228	.251	.312	.370	.529	.438	.419
	TOT OBS	155	141	151	149	155	119	124	142	150	154	139	124	1703
1400	MEAN	29.62	29.56	29.60	29.86	29.81	29.84	29.89	29.89	29.85	29.73	29.61	29.56	29.73
	SD	.504	.458	.506	.410	.348	.284	.231	.250	.313	.360	.525	.450	.421
	TOT OBS	155	141	151	150	155	120	124	142	150	154	139	125	1706
1700	MEAN	29.62	29.55	29.59	29.86	29.80	29.83	29.88	29.88	29.84	29.71	29.60	29.56	29.73
	SD	.501	.457	.499	.403	.346	.283	.235	.246	.310	.356	.519	.431	.417
	TOT OBS	155	140	152	150	155	120	123	141	150	154	139	125	1704
2000	MEAN	29.63	29.56	29.60	29.91	29.78	29.85	29.88	29.88	29.85	29.72	29.61	29.58	29.73
	SD	.495	.451	.499	.399	.360	.275	.241	.247	.305	.350	.519	.418	.415
	TOT OBS	151	140	143	120	124	114	124	141	149	154	139	125	1624
2300	MEAN	29.63	29.62	29.61	29.92	29.78	29.86	29.89	29.90	29.86	29.73	29.62	29.60	29.75
	SD	.504	.429	.498	.400	.358	.276	.247	.245	.303	.353	.526	.414	.410
	TOT OBS	150	116	121	120	122	114	124	141	149	154	138	125	1574
ALL HOURS	MEAN	29.62	29.57	29.60	29.87	29.80	29.84	29.88	29.89	29.85	29.72	29.61	29.58	29.74
	SD	.503	.446	.493	.405	.352	.279	.237	.249	.306	.360	.524	.424	.415
	TOT OBS	1221	1076	1151	1138	1175	947	989	1133	1153	1232	1111	999	13370



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	29.39	29.41	29.37	29.64	29.57	29.61	29.65	29.65	29.63	29.48	29.38	29.38	29.52
	SD	.502	.420	.475	.398	.349	.280	.244	.248	.301	.356	.520	.407	.404
	TOT OBS	151	117	132	149	154	117	124	142	150	154	139	125	1654
0500	MEAN	29.39	29.33	29.35	29.62	29.56	29.60	29.64	29.64	29.62	29.48	29.37	29.37	29.50
	SD	.502	.431	.473	.403	.350	.276	.239	.252	.294	.362	.523	.404	.408
	TOT OBS	151	143	149	150	155	120	124	142	150	154	139	125	1702
0800	MEAN	29.39	29.33	29.36	29.62	29.57	29.61	29.65	29.65	29.63	29.48	29.38	29.35	29.50
	SD	.504	.444	.480	.410	.349	.277	.230	.252	.300	.365	.526	.413	.413
	TOT OBS	153	141	152	150	155	120	122	142	150	154	139	125	1703
1100	MEAN	29.41	29.34	29.38	29.64	29.58	29.61	29.66	29.67	29.63	29.50	29.40	29.35	29.51
	SD	.501	.450	.494	.404	.345	.278	.228	.251	.310	.367	.527	.435	.416
	TOT OBS	155	141	151	149	155	119	124	142	150	154	139	124	1703
1400	MEAN	29.39	29.33	29.37	29.63	29.57	29.61	29.66	29.66	29.62	29.50	29.38	29.33	29.51
	SD	.501	.454	.502	.409	.346	.284	.229	.249	.311	.357	.524	.446	.419
	TOT OBS	155	141	151	150	155	120	124	142	150	154	139	125	1706
1700	MEAN	29.39	29.32	29.36	29.63	29.57	29.60	29.65	29.65	29.61	29.49	29.37	29.33	29.50
	SD	.497	.453	.496	.400	.345	.284	.234	.248	.307	.352	.515	.427	.414
	TOT OBS	155	140	152	150	155	120	123	141	150	154	139	125	1704
2000	MEAN	29.40	29.33	29.37	29.68	29.55	29.62	29.64	29.65	29.62	29.49	29.38	29.36	29.50
	SD	.492	.448	.494	.394	.358	.276	.239	.246	.304	.347	.517	.417	.412
	TOT OBS	151	140	143	120	124	114	124	141	149	154	139	125	1624
2300	MEAN	29.43	29.34	29.41	29.70	29.55	29.64	29.66	29.67	29.62	29.49	29.39	29.37	29.52
	SD	.516	.394	.507	.397	.332	.271	.246	.249	.299	.359	.529	.404	.408
	TOT OBS	149	115	121	120	122	116	124	141	149	154	136	127	1574
ALL HOURS	MEAN	29.40	29.34	29.37	29.64	29.57	29.61	29.65	29.66	29.62	29.49	29.38	29.35	29.51
	SD	.502	.439	.490	.403	.347	.278	.236	.249	.303	.358	.523	.420	.412
	TOT OBS	1220	1078	1151	1138	1175	946	989	1133	1198	1232	1109	1001	13370

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG GGGG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG
PP	AA AA	RR RR	TT	

PART G

CROSSWIND SUMMARY

CROSSWINDSUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	37.0	25.4	15.8	633	37.1	25.2	15.5	638	35.2	26.1	15.5	637	35.1	22.3	14.5	647
CATEGORY B	37.0	25.4	15.8	633	37.1	25.2	15.5	638	35.2	26.1	15.5	637	35.1	22.3	14.5	647

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	36.1	24.1	12.0	648	39.0	24.5	15.1	648	35.7	22.8	14.7	641	35.9	23.2	13.3	633
CATEGORY B	36.1	24.1	12.0	648	39.0	24.5	15.1	648	35.7	22.8	14.7	641	35.9	23.2	13.3	633

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	36.2	23.9	14.4	3221	36.4	24.2	14.6	5125
CATEGORY B	36.2	23.9	14.4	3221	36.4	24.2	14.6	5125

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	30.6	19.0	10.5	601	33.5	21.6	12.9	629	33.2	22.6	14.3	677	33.5	21.7	13.6	677
CATEGORY B	30.6	19.0	10.5	601	33.5	21.6	12.9	629	33.2	22.6	14.3	677	33.5	21.7	13.6	677

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	35.0	21.6	12.7	675	33.4	21.1	12.4	677	32.1	20.5	12.7	677	29.5	18.4	9.6	603
CATEGORY B	35.0	21.6	12.7	675	33.4	21.1	12.4	677	32.1	20.5	12.7	677	29.5	18.4	9.6	603

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.4	21.5	13.2	3383	32.7	20.9	12.4	5216
CATEGORY B	33.4	21.5	13.2	3383	32.7	20.9	12.4	5216

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	32.3	18.0	10.0	657	35.6	23.5	13.3	697	35.3	24.2	15.4	740	35.3	21.8	14.7	740
CATEGORY B	32.3	18.0	10.0	657	35.6	23.5	13.3	697	35.3	24.2	15.4	740	35.3	21.8	14.7	740

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	36.4	24.0	13.9	741	36.2	24.8	13.8	741	35.2	20.9	12.0	731	30.1	17.2	10.6	668
CATEGORY B	36.4	24.0	13.9	741	36.2	24.8	13.8	741	35.2	20.9	12.0	731	30.1	17.2	10.6	668

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	35.7	23.2	14.0	3693	34.6	21.9	13.1	5715
CATEGORY B	35.7	23.2	14.0	3693	34.6	21.9	13.1	5715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	30.2	19.5	9.8	656	28.9	19.0	10.4	720	28.0	17.4	10.8	719	32.0	19.5	9.6	719
CATEGORY B	30.2	19.5	9.8	656	28.9	19.0	10.4	720	28.0	17.4	10.8	719	32.0	19.5	9.6	719

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.9	20.7	10.8	720	36.0	22.4	10.7	719	33.5	20.1	10.6	686	32.1	19.2	10.5	629
CATEGORY B	34.9	20.7	10.8	720	36.0	22.4	10.7	719	33.5	20.1	10.6	686	32.1	19.2	10.5	629

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	32.9	20.0	10.5	3563	32.0	19.7	10.4	5568
CATEGORY B	32.9	20.0	10.5	3563	32.0	19.7	10.4	5568

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	24.6	10.8	3.6	675	24.4	12.1	6.1	743	27.8	14.8	6.5	742	32.5	18.0	7.7	744
CATEGORY B	24.6	10.8	3.6	675	24.4	12.1	6.1	743	27.8	14.8	6.5	742	32.5	18.0	7.7	744

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.1	18.6	7.6	741	34.3	18.5	7.3	741	32.6	14.9	4.9	712	27.5	11.1	2.0	647
CATEGORY B	33.1	18.6	7.6	741	34.3	18.5	7.3	741	32.6	14.9	4.9	712	27.5	11.1	2.0	647

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	32.0	17.0	6.8	3680	29.7	15.0	5.8	5745
CATEGORY B	32.0	17.0	6.8	3680	29.7	15.0	5.8	5745



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	21.5	6.6	1.4	590	17.5	7.1	1.6	630	18.9	7.6	1.6	630	23.2	7.3	2.4	628
CATEGORY B	21.5	6.6	1.4	590	17.5	7.1	1.6	630	18.9	7.6	1.6	630	23.2	7.3	2.4	628

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	25.4	9.0	3.3	630	27.3	8.7	3.2	629	27.1	8.8	3.2	623	21.4	7.8	2.6	612
CATEGORY B	25.4	9.0	3.3	630	27.3	8.7	3.2	629	27.1	8.8	3.2	623	21.4	7.8	2.6	612

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	24.4	8.3	2.7	3140	22.8	7.9	2.4	4972
CATEGORY B	24.4	8.3	2.7	3140	22.8	7.9	2.4	4972

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	14.5	6.2	1.7	649	14.4	6.9	2.3	651	15.1	5.8	1.1	650	16.7	5.5	2.2	651
CATEGORY B	14.5	6.2	1.7	649	14.4	6.9	2.3	651	15.1	5.8	1.1	650	16.7	5.5	2.2	651

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	19.0	7.4	2.3	651	18.0	8.2	1.7	650	17.4	6.5	2.8	651	16.0	7.8	3.4	651
CATEGORY B	19.0	7.4	2.3	651	18.0	8.2	1.7	650	17.4	6.5	2.8	651	16.0	7.8	3.4	651

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	17.2	6.7	2.0	3253	16.4	6.8	2.2	5204
CATEGORY B	17.2	6.7	2.0	3253	16.4	6.8	2.2	5204

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	20.7	9.5	2.4	696	21.2	8.5	3.1	703	18.8	7.0	1.3	704	18.9	6.5	1.6	705
CATEGORY B	20.7	9.5	2.4	696	21.2	8.5	3.1	703	18.8	7.0	1.3	704	18.9	6.5	1.6	705

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	20.5	8.7	1.0	702	22.8	8.8	1.9	701	20.0	6.1	1.7	701	20.9	8.0	1.7	698
CATEGORY B	20.5	8.7	1.0	702	22.8	8.8	1.9	701	20.0	6.1	1.7	701	20.9	8.0	1.7	698

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	20.2	7.4	1.5	3513	20.5	7.9	1.8	5610
CATEGORY B	20.2	7.4	1.5	3513	20.5	7.9	1.8	5610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	25.7	14.4	7.5	716	23.9	13.9	6.0	720	25.6	12.9	6.1	719	22.1	12.0	5.3	719
CATEGORY B	25.7	14.4	7.5	716	23.9	13.9	6.0	720	25.6	12.9	6.1	719	22.1	12.0	5.3	719

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	25.3	14.3	6.8	720	24.7	14.4	7.4	720	24.4	12.4	5.7	718	25.0	11.5	5.6	719
CATEGORY B	25.3	14.3	6.8	720	24.7	14.4	7.4	720	24.4	12.4	5.7	718	25.0	11.5	5.6	719

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	24.4	13.2	6.3	3596	24.6	13.2	6.3	5751
CATEGORY B	24.4	13.2	6.3	3596	24.6	13.2	6.3	5751

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545 STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	28.2	15.3	8.8	740	28.3	15.8	8.5	741	28.3	15.9	10.5	741	31.0	18.4	11.4	739
CATEGORY B	28.2	15.3	8.8	740	28.3	15.8	8.5	741	28.3	15.9	10.5	741	31.0	18.4	11.4	739

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	39.1	21.8	12.0	739	39.2	22.2	11.9	740	35.2	22.2	12.5	738	31.5	19.0	11.1	737
CATEGORY B	39.1	21.8	12.0	739	39.2	22.2	11.9	740	35.2	22.2	12.5	738	31.5	19.0	11.1	737

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.6	20.1	11.7	3697	32.6	18.8	10.8	5915
CATEGORY B	34.6	20.1	11.7	3697	32.6	18.8	10.8	5915

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.2	23.0	11.9	687	33.8	22.4	13.8	686	30.9	19.9	11.6	687	31.3	21.1	11.8	687
CATEGORY B	33.2	23.0	11.9	687	33.8	22.4	13.8	686	30.9	19.9	11.6	687	31.3	21.1	11.8	687

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.5	21.7	10.9	687	34.5	22.7	12.2	687	38.0	23.9	15.7	686	35.8	24.6	14.2	684
CATEGORY B	34.5	21.7	10.9	687	34.5	22.7	12.2	687	38.0	23.9	15.7	686	35.8	24.6	14.2	684

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.8	21.9	12.5	3434	34.0	22.4	12.8	5491
CATEGORY B	33.8	21.9	12.5	3434	34.0	22.4	12.8	5491

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.8	23.0	15.3	649	34.6	23.5	14.1	651	33.8	22.0	14.4	651	35.7	23.6	14.5	649
CATEGORY B	34.8	23.0	15.3	649	34.6	23.5	14.1	651	33.8	22.0	14.4	651	35.7	23.6	14.5	649

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.4	23.2	13.8	651	33.1	21.4	13.1	650	32.1	18.7	9.3	648	35.0	22.3	12.7	651
CATEGORY B	34.4	23.2	13.8	651	33.1	21.4	13.1	650	32.1	18.7	9.3	648	35.0	22.3	12.7	651

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.8	21.8	13.0	3249	34.2	22.2	13.4	5200
CATEGORY B	33.8	21.8	13.0	3249	34.2	22.2	13.4	5200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50  
MONTH: ALL

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CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	27.8	15.9	8.2	7949	27.7	16.6	8.9	8209	27.6	16.4	9.1	8297	29.0	16.5	9.1	8305
CATEGORY B	27.8	15.9	8.2	7949	27.7	16.6	8.9	8209	27.6	16.4	9.1	8297	29.0	16.5	9.1	8305

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	31.3	18.0	9.0	8305	31.7	18.3	9.3	8303	30.3	16.6	8.9	8212	28.4	15.8	8.1	7932
CATEGORY B	31.3	18.0	9.0	8305	31.7	18.3	9.3	8303	30.3	16.6	8.9	8212	28.4	15.8	8.1	7932

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	30.0	17.2	9.1	41422	29.2	16.8	8.8	65512
CATEGORY B	30.0	17.2	9.1	41422	29.2	16.8	8.8	65512



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHHH	HHHHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 704545 STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943		914	889	892	796	647	524	****	548	683	890	1040	7823
1944	****	953	****	****	816	619	558	512	554	683	791	953	6439
1945	1007	893	****	793	731	590	530	504	519	720	774	924	7985
1946	****	****	****	****	****	****	595	505	495	698	852	891	4036
1947	1001	938	965	852	829	703	607	569	****	715	773	974	8926
1948	1005	901	903	770	****	679	576	473	511	747	839	943	8347
1949	1007	882	968	875	806	682	611	****	592	737	864	955	8979
1950	868	861	976	862	****			282	581	****	451		4881
MEAN	977	906	940	840	795	653	571	474	542	711	779	954	
SD	61.32	31.86	40.85	48.30	38.12	42.84	35.48	99.19	36.27	25.17	139.52	46.17	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 704545

STATION NAME: AMCHITKA ISLAND AK  
LST TO UTC: +10

PERIOD OF RECORD: FEB 43 - NOV 50

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN

SD

A W S	STATION NAME: AMCHITKA ISLAND AK												FIELD ELEV: 227 FT															
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 51 23 N 179 16 E												STATION MSC: 704545															
	HOURLY OBS POR: FEB 43 - NOV 50												CALL SIGN: PAHT															
	SUMMARY OF DAY POR: FEB 43 - NOV 50 (FULL TIME), JUL 67 - JUL 73 (PART TIME)																											
	HOURS SUMMARIZED: 00-23 LST (4302 - 5011), VARIABLE HOURS (6707 - 7307)												SUPERSEDES: FEB 71															
JUN 90	LST TO UTC: +10																											
MONTH														JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
Q EXTRM MAX TEMP (F)														45	43	48	46	59	58	65	64	59	52	50	48	65	42	
MEAN MAX TEMP (F)														35	35	36	39	42	46	49	51	49	45	40	37	42	14	
MEAN TEMP (F)														32	32	33	36	39	42	46	48	46	42	37	34	39	14	
MEAN MIN TEMP (F)														29	29	30	32	35	39	42	44	43	38	33	30	36	14	
Q EXTRM MIN TEMP (F)														9	7	11	18	24	27	35	38	33	26	15	7	7	42	
D/W TEMP GE 55 (F)														0	0	0	0	#	1	2	3	1	0	0	0	7	14	
D/W TEMP GE 50 (F)														0	0	0	0	#	3	12	24	15	2	#	0	56	14	
D/W TEMP LT 33 (F)														24	23	25	15	5	1	0	0	0	2	12	22	129	14	
D/W TEMP LT 25 (F)														4	3	3	1	0	0	0	0	0	0	1	3	15	14	
HEATING DEGREE DAYS														977	906	940	840	795	653	571	474	542	711	779	954	9142	8	
COOLING DEGREE DAYS														0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
MEAN DEWPOINT TEMP (F)														29	29	29	32	35	40	44	47	43	38	34	30	36	7	
MEAN WET BULB TEMP (F)														31	31	32	35	37	41	45	47	45	40	36	32	38	7	
99.95% WCPA (FT)														2000	1900	2000	1500	1400	1150	1000	1000	1200	1500	2100	1800	1650	7	
MEAN REL HUM 07 LST(%)														86.1	86.7	85.6	88.3	90.3	95.7	98.3	97.9	93.9	89.3	89.1	87.6	90.7	7	
MEAN REL HUM 13 LST(%)														85.2	84.0	83.2	85.1	87.9	91.0	94.4	94.7	89.7	85.6	87.0	87.0	87.8	7	
MAX 24HR PRECIP (IN)														2.33	.94	1.20	1.98	1.66	1.14	2.50	1.54	2.47	1.24	1.10	1.30	2.50	14	
MAX PRECIP (IN)														4.80	6.82	4.69	3.83	4.97	4.57	7.69	6.85	6.69	6.49	5.33	9.56	55.70	14	
MEAN PRECIP (IN)														3.12	2.93	2.59	2.29	2.14	1.79	4.04	4.47	3.76	3.80	3.52	4.17	38.42	14	
MIN PRECIP (IN)														1.27	1.10	.82	.47	.15	.33	2.32	1.79	1.51	1.80	.93	.89	29.15	14	
D/W PRECIP GE .01 (IN)														20	16	17	15	14	14	17	21	16	20	21	21	212	14	
D/W PRECIP GT .50 (IN)														1	1	1	1	1	1	3	3	2	2	2	2	20	14	
MAX 24HR SNFL (IN)														15.0	13.0	9.0	3.4	3.0	#	0	0	#	.7	8.0	15.0	15.0	14	
MAX SNFL (IN)														44.0	38.3	26.1	9.0	5.0	#	0	0	#	1.0	22.0	41.1	105.5	14	
MEAN SNFL (IN)														19.5	14.3	11.7	2.4	.3	#	0	0	#	.1	6.6	15.3	70.2	14	
D/W SNFL GE .1 (IN)														12	10	10	4	1	0	0	0	0	1	5	12	55	14	
D/W SNFL GE 1.5 (IN)														4	3	2	1	#	0	0	0	0	0	1	3	14	14	
MAX DLY SNO DEPTH (IN)														22	14	15	3	1	0	0	0	0	#	15	17	22	14	
PRVLNG WND DIR (DEG)														32-34	23-25	23-25	32-34	32-34	35-01	23-25	23-25	32-34	32-34	32-34	23-25	23-25	7	
MEAN WND SPD (KTS)														23	21	21	19	16	14	14	15	16	19	19	22	18	7	
MAX WND SPD (KTS)														135	121	92	100	75	90	70	75	95	90	90	120	135	9	
SKY COVER GT 5/10 (%)														85.0	84.1	85.0	90.8	94.0	97.8	98.0	94.3	84.0	72.0	79.0	84.6	87.3	7	
Q D/W THUNDERSTORMS														0	0	#	0	0	0	#	#	#	#	#	#	#	35	
D/W FOG (VSBY LT 7 MI)														14	10	12	13	15	22	28	27	19	14	13	11	198	8	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																												

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																
	00 - 02	64.9	62.0	66.7	69.0	86.4	93.2	94.3	80.2	66.5	51.3	62.8	65.7	71.9	7		
	03 - 05	65.9	63.8	67.0	71.1	85.8	92.4	94.3	82.4	67.5	52.5	62.4	66.0	72.6	7		
	06 - 08	65.4	64.2	70.3	75.2	88.4	93.3	94.7	85.7	70.9	51.4	61.7	60.4	73.5	7		
	09 - 11	74.2	68.1	75.4	73.5	87.7	91.5	92.0	86.7	66.6	56.8	70.8	77.5	76.7	7		
	12 - 14	72.7	70.5	72.4	71.1	85.8	89.8	92.3	83.4	62.3	56.7	72.7	73.8	75.3	7		
	15 - 17	73.5	67.8	73.5	72.4	83.1	89.9	89.8	79.4	61.6	59.4	69.8	74.2	74.5	7		
	18 - 20	73.3	71.7	76.2	71.7	86.5	88.0	92.9	78.5	61.0	61.5	67.3	74.9	75.3	7		
	21 - 23	66.7	63.7	72.0	73.8	86.0	91.6	91.9	79.8	65.2	54.1	64.6	66.4	73.0	7		
	ALL	69.6	66.6	71.8	72.3	86.2	91.1	92.6	82.0	65.1	55.5	66.5	69.9	73.1	7		
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	31.3	33.1	31.0	40.0	52.2	77.8	89.1	70.6	46.9	26.3	36.3	30.4	47.1	7		
	03 - 05	29.8	29.3	31.7	41.0	51.1	75.4	90.9	74.1	46.9	28.1	34.4	31.4	47.0	7		
	06 - 08	31.4	30.5	31.7	40.9	51.0	75.6	92.1	77.1	47.9	27.7	32.7	32.1	47.6	7		
	09 - 11	38.7	31.2	32.7	42.9	54.8	77.1	88.3	77.8	46.1	28.0	38.6	37.7	49.5	7		
	12 - 14	36.4	30.6	31.2	41.0	52.8	78.0	84.1	75.1	42.5	29.0	37.8	39.8	48.2	7		
	15 - 17	36.9	31.8	31.0	38.9	54.4	79.3	83.4	70.6	44.6	31.1	40.0	41.4	48.6	7		
	18 - 20	42.6	33.7	32.8	38.8	56.1	77.7	87.5	69.7	47.3	32.0	40.7	39.3	49.8	7		
	21 - 23	36.8	30.9	33.0	39.4	56.6	80.5	86.9	69.9	45.6	29.0	34.9	34.9	48.2	7		
	ALL	35.5	31.4	31.9	40.4	53.6	77.7	87.5	73.1	46.0	28.9	36.9	35.9	46.2	7		
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	19.8	18.7	17.0	27.6	29.6	58.6	77.7	62.1	34.4	16.2	21.9	18.5	33.5	7		
	03 - 05	19.1	18.1	18.9	28.0	30.0	57.9	78.2	65.7	33.7	15.8	20.3	16.2	33.5	7		
	06 - 08	16.8	17.9	17.4	27.5	32.5	63.2	81.4	69.3	34.4	16.5	19.7	17.9	34.5	7		
	09 - 11	23.2	17.1	22.3	29.9	33.4	65.1	80.2	68.5	36.6	20.1	24.8	22.0	36.9	7		
	12 - 14	24.5	18.9	20.6	29.8	30.8	61.7	76.2	65.0	33.6	20.0	25.3	22.2	35.7	7		
	15 - 17	24.0	19.5	20.4	27.6	32.1	59.9	74.3	62.9	34.4	20.5	24.2	24.0	35.3	7		
	18 - 20	28.0	20.6	18.3	26.5	34.3	61.6	79.4	63.3	35.4	19.3	26.1	24.3	36.4	7		
	21 - 23	23.0	19.6	17.4	27.3	33.7	63.3	75.6	62.8	33.6	18.4	21.6	20.7	34.7	7		
	ALL	22.3	18.8	19.1	28.0	32.1	61.5	77.8	65.0	34.5	18.3	23.0	20.7	32.9	7		
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.5	4.3	3.8	3.4	3.1	14.3	35.8	28.5	15.0	4.0	4.3	3.3	10.4	7		
	03 - 05	3.0	3.4	1.7	4.8	2.4	11.2	35.2	35.8	12.1	4.0	3.4	2.3	9.9	7		
	06 - 08	2.1	4.4	1.5	4.4	2.1	14.5	48.1	40.4	14.7	4.5	3.1	2.9	11.9	7		
	09 - 11	6.8	3.6	2.4	4.7	4.2	14.7	38.2	41.1	14.7	4.9	4.8	5.6	12.1	7		
	12 - 14	6.1	3.6	3.1	4.2	4.0	13.2	27.6	29.8	14.9	4.2	2.9	7.0	10.0	7		
	15 - 17	6.9	2.5	3.4	3.2	4.4	11.0	27.9	26.6	12.6	4.5	4.0	5.4	9.4	7		
	18 - 20	5.8	3.1	2.7	3.2	5.5	15.4	38.5	31.5	12.7	5.3	5.7	2.9	11.0	7		
	21 - 23	4.4	4.7	3.8	3.7	5.1	17.3	37.9	32.3	13.8	5.8	3.3	2.9	11.2	7		
	ALL	5.0	3.7	2.8	4.0	3.8	13.9	35.7	33.2	13.8	4.6	3.9	4.0	9.6	7		

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986: NONE

REMARKS : @ SUMMARY OF THE DAY (SOD) DATA WERE SUPPLEMENTED FROM:

AWS CLIMATIC BRIEF FOR SHEMYA AFB AK (AUG 89).

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